EXHIBIT 1

Groundwater Monitoring Report

RESULTADOS DE MONITORIA DE AGUA SUBTERRÁNEA PARA EL PERIODO DE MAYO DE 2016 SISTEMA DE RELLENO SANITARIO ARECIBO, PUERTO RICO

RESULTADOS DE MONITORIA DE AGUA SUBTERRÁNEA PARA EL PERIODO DE MAYO DE 2016 SISTEMA DE RELLENO SANITARIO (SRS) MUNICIPAL ARECIBO, PUERTO RICO

MAYO 2016

Preparado para:

LANDFILL TECHNOLOGIES, CORP.
PO BOX 1322
GURABO, PR 00778

Land-Tech

Preparado por:

GROUNDWATER & ENVIRONMENTAL SERVICES OF PUERTO RICO, LLC
1550 AVENIDA PONCE DE LEÓN, PARADA 23, PISO 2, SANTURCE
SAN JUAN, PUERTO RICO 00909-1725

INFORME FINAL

RESULTADOS DE MONITORIA DE AGUA SUBTERRÁNEA
PARA EL PERIODO DE MAYO DE 2016
SISTEMA DE RELLENO SANITARIO (SRS) DE
ARECIBO, PUERTO RICO

Proyecto GESPR Número: 7101093

MAYO 2016

Efrain Camis Rosado, BS, REM
Senior Project Manager

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Teresa Dopazo
QA/QC Reviewer

Groundwater & Environmental Services of Puerto Rico, LLC

27 de mayo de 2016

Sra. Sonia Feliciano Heredia
Oficial de Cumplimiento
Landfill Technologies Corp.
PO BOX 1322
Gurabo, PR 00778

RE: RESULTADOS DE MONITORIA DE AGUA SUBTERRÁNEA PARA EL PERIODO DE MAYO DE 2016 – SISTEMA DE RELLENO SANITARIO (SRS) DE ARECIBO, PR

INTRODUCCIÓN

Adjunto los resultados para el periodo de mayo del año 2016, según el "Plan Aprobado de Monitoria de Agua Subterránea" entre la Junta de Calidad Ambiental (JCA) y Landfill Technologies, Corp. (LTC) para el SRS en el 1999. El plan de monitoria es realizado para estar en cumplimiento con el Reglamento para el Manejo de los Desperdicios Sólidos No Peligrosos. Este reglamento requiere que se establezca un programa de monitoria el cual pueda detectar la presencia de 45 Compuestos Orgánicos Volátiles (COV's) y 15 metales. La concentración mayor sobre el límite máximo de contaminación permisible (MCL, por sus siglas en inglés) requiere la preparación de un plan de acción correspondiente. A estos fines estos reportes son analizados para determinar la presencia y recomendar acciones, si son necesarias, para mantener el sistema de monitoreo en óptimas condiciones.

La **Figura 1** presenta la ubicación del SRS en el cuadrángulo del Servicio Geológico Federal (USGS, por sus siglas en inglés) para el área de Arecibo. La **Figura 2** presenta una foto aérea de la propiedad donde ubica el SRS para referencia visual.

El monitoreo aprobado para el SRS requiere que se colecten muestras de cinco pozos de monitoreo de agua subterráneas. El sistema de monitoria se compone, como mínimo, de un pozo de agua subterránea gradiente arriba y cuatro pozos de monitoreo aguas abajo del SRS. El sistema se muestrea de acuerdo al Plan de Trabajo aprobado por la JCA, el cual describe en detalle la geología, hidrogeología, protocolos de las actividades de campo, laboratorio y reporte a la JCA.

El monitoreo de aguas se llevó a cabo el día 18 de mayo de 2016 por personal de Groundwater & Environmnetal Services of Puerto Rico LLC (GESPR) con adiestramiento en HAZWOPER y con equipo de seguridad personal nivel D (capacete, chaleco reflector, gafas de seguridad, botas con punta de acero y guantes desechables de nitrilo). Previo al desarrollo y colección de muestras se completó una tabla de datos de cada pozo que incluyen: profundidad del agua y parámetros de muestreo de calidad de campo con equipo de muestreo calibrado para estos fines. El **Anejo 1** incluye la hoja de datos de campo para cada pozo.

ALCANCE DE LOS TRABAJOS

La localización de los pozos muestreados en el SRS se presenta en la **Figura 2**. Cada pozo fue debidamente identificado, desarrollado y muestreado, según el plan aprobado. Las muestras fueron colectadas con duplicados para análisis de Orgánicos Volátiles utilizando el Método 8260 para VOC's y para metales por el Método 6010, ambos de la EPA. El **Anejo 2** incluye la cadena de custodia (COC, por sus siglas en inglés). El **Anejo 3** presenta los resultados de laboratorio debidamente certificados de Pace Analytical ubicado en Guaynabo, Puerto Rico.

La **Tabla 1** presenta los resultados obtenidos para los compuestos orgánicos volátiles. La **Tabla 2** presenta los resultados obtenidos para metales.

RESULTADOS

VOLÁTILES

Según se presenta en la **Tabla 1** para Compuestos Orgánicos Volátiles (COV's), los resultados de todos los parámetros fueron no detectados (ND) para las muestras de agua de los pozos W-1, W-2, W-3, W-4 y W-5 con excepción de Acetona para todos los pozos. El sistema de monitoreo no ha presentado resultados significativos de volátiles durante los años 2014 y 2015.

METALES

Concentraciones de metales fueron detectadas en algunas de las muestras, según presenta la **Tabla 2**. Sin embargo, ninguna de estas concentraciones sobrepasaron los niveles máximos de contaminación establecidos por EPA.

RECOMENDACIONES

Basado en las tareas realizadas y los resultados obtenidos recomendamos lo siguiente:

- Continuar con el programa de monitoria de agua subterránea;
- Preparar un reporte estadístico de valores históricos para metales y concentraciones naturales de metales para los suelos del SRS. De esta forma se podrá establecer si las concentraciones de metales que se mantienen presente son el producto de la interacción del suelo con el nivel freático o si las mismas representan la presencia de lixiviados. Dependiendo de los resultados, se recomendará la preparación de un plan de acción.

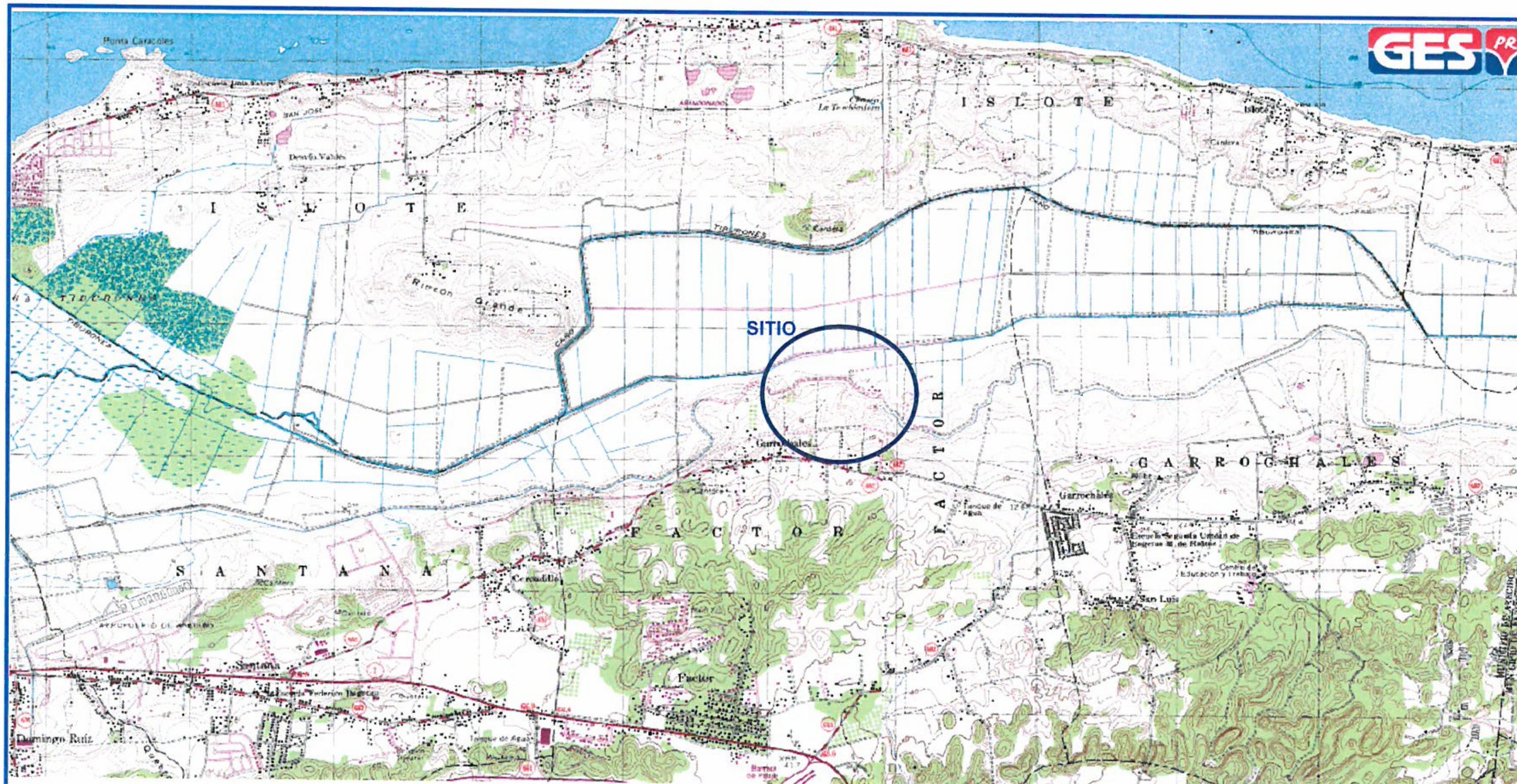
Atentamente,

Groundwater & Environmental Services of PR, LLC.

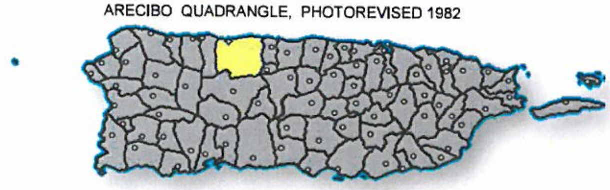
Isidro M. Perera Armas
Site Operations Manager

June 16 - 2016

FIGURAS



FUENTE: USGS TOPOGRAPHIC MAP
ARECIBO QUADRANGLE, PHOTOREVISED 1982



ESCALA 0 — 1 MILLA

PREPARADO POR: D.GINES	**LOCALIZACIÓN DEL SISTEMA DE RELLENO SANITARIO DE ARECIBO**
REVISADO POR: E.CAMIS	**SISTEMA DE RELLENO SANITARIO DE ARECIBO**
APROBADO POR: I.PERERA	LANDFILL TECHNOLOGIES OF ARECIBO, CORP. (LTCA)
NORTE	ESCALA GRAFICA / FECHA: 5/18/2016 / FIGURA: 1

FUENTE: GOOGLE EARTH, AERIAL IMAGE 12-24-2013

POZO	LATITUD	LONGITUD
W-1	18°28'01.66"	66°37'08.60"
W-2	18°28'1.32"	66°36'59.16"
W-3	18°27'54.42"	66°37'3.06"
W-4	18°27'50.7"	66°37'5.84"
W-5	18°28'2.64"	66°37'37.38"

LEYENDA:

POZOS DE MONITORIA DE AGUA

DIB. POR: D.GINES E.CAMIS	**LOCALIZACION DE PUNTOS DE MONITORIA DE AGUA SUBTERRANEA**		
REV. POR: Y.SOTO	**LANDFILL TECHNOLOGIES OF ARECIBO CORP. (LTCA)**		
APROBADO POR: I.PERERA	Groundwater & Environmental Services Puerto Rico, LLC 1550 Ave. Ponce De León, Parada 23, Piso 2 Santurce PR 00909		
NORTE	ESCALA GRAFICA	FECHA: 5/18/2016	FIGURA: **2**

TABLAS

TABLA 1
SRS ARECIBO
RESULTADOS ANALITICOS PARA - COV'S EN (MG/L)
METODO 8260
MAYO DE 2016

PARAMETRO DE ANALISIS			MUESTRAS QA/QC			MUESTRAS DE AGUA DE POZOS										
						G.ARRIBA		POZOS DE CUMPLIMIENTO								
NOMBRE	CAS NO.	MCL	TB	FB	EB	W-1-1[1]	W-1-2[2]	W-2-1[3]	W-2-2[4]	W-3-1[5]	W-3-2[6]	W-4-1[7]	W-4-2[8]	W-5-1[9]	W-5-2[10]	RL (mg/L)
DICHLORODIFLUOROMETHANE	75-71-8	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
CHLOROMETHANE	74-87-3	0.200	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
VINYL CHLORIDE	75-01-4	0.002	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
BROMOMETHANE	74-83-9	0.050	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
CHLOROETHANE	75-00-3	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
TRICHLOROFLUOROMETHANE	75-69-4	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
METHYLENE CHLORIDE	75-09-2	0.005	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
1,1-DICHLOROETHENE	75-35-4	0.007	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
TRANS-1,2-DICHLOROETHENE	156-60-5	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
1,1-DICHLOROETHANE	75-34-3	0.007	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
CIS 1,2-DICHLOROETHENE	156-59-2	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
CHLOROFORM	67-66-3	0.005	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
1,1,1-TRICHLOROETHANE	71-55-6	0.0002	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
CARBON TETRACHLORIDE	56-23-5	0.005	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
BEBZENE	71-43-2	0.005	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
1,2-DICHLOROETHANE	107-06-2	0.005	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
TRICHLOROETHENE	79-01-6	0.002	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
1,2-DICHLOROPROPANE	78-87-5	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
BROMODICHLOROMETHANE	75-27-4	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
TRANS-1,3-DICHLOROPROPENE	10061-02-6	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
TOLUENE	108-88-3	1.000	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
CIS-1,3-DICHLOROPROPENE	10061-01-5	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
1,1,2-TRICHLOROETHANE	79-00-5	0.005	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
TETRACHLOROETHENE	127-18-4	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
DIBROMOCHLOROMETHANE	124-48-1	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
1,2-DIBROMOETHANE (EDB)	106-93-4	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
CHLOROBENZENE	108-90-7	0.100	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
ETHYLBENZENE	100-41-4	0.700	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
M&P-XYLENE	179601-23-1	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
O-XYLENE	95-47-6	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
STYRENE	100-42-5	0.100	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
BROMOFORM	75-25-2	0.700	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
ISOPROPYLBENZZENE (CUMENE)	98-82-8	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
1,1,2,2-TETRACHLOROETHANE	79-34-5	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
1,3-DICHLOROBENZENE	541-73-1	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
1,4-DICHLOROBENZENE	106-46-7	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
1,2-DICHLOROBENZENE	95-50-1	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
2-BUTANONE (MEK)	78-93-3	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
2-HEXANONE	591-78-6	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010
CARBON DISULFIDE	75-15-0	4.000	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010
ACETONE	67-64-1	4.000	0.031	0.035	N/A	0.017	0.018	0.012	0.017	0.014	0.016	0.021	0.016	0.012	0.012	0.005
METHYL-TERT-BUTYL ETHER	1634-04-4	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010
4-METHYL-2-PENTANONE (MIBK)	108-10-1	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
MEHTYL ACETATE	79-20-9	***	ND	ND	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010

Leyenda:

***: EPA no tiene un MCL establecido para este parámetro
MG/L: Miligrams per Liter (miligramos por litro)
Metodo 8260: Método de Análisis para Volátiles según EPA SW-846
RL: Reporting Limit (límite de Reporte según método) en mg/L
ND No detectado
QA/QC: Quality Assurance/Quality Control (Muestras de Control de Calidad y Certeza)

MCL: Maximum Contaminant Level (Nivel Máximo de Contaminación) según EPA en mg/L
COV's: Compuestos Orgánicos Volátiles según listado requerido para este muestreo.
CAS: Chemical Abstract Service (identificadores numéricos para parámetro a ser analizado).
N/A: No Aplica

TABLA 2
SRS ARECIBO
RESULTADOS ANALITICOS PARA METALES EN (MG/L)
METODO 6010 EPA
MAYO DE 2016

PARAMETRO DE ANALISIS			MUESTRAS QA/QC			MUESTRAS DE AGUA DE POZOS										
						G.ARRIBA		POZOS DE CUMPLIMIENTO								
NOMBRE	CAS NO.	MCL	TB	FB	EB	W-1-1	W-1-2	W-2-1	W-2-2	W-3-1	W-3-2	W-4-1	W-4-2	W-5-1	W-5-2	RL (mg/L)
ANTIMONY	7440-36-0	0.060	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.060
ARSENIC	7440-38-2	0.050	N/A	N/A	N/A	ND	ND	0.012	0.012	ND	ND	ND	ND	ND	ND	0.010
BARIUM	7440-39-3	2.000	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	0.25	0.25	ND	ND	0.200
BERYLLIUM	7440-41-7	0.004	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
CADMIUM	7440-43-9	0.005	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
CHROMIUM	7440-47-3	0.100	N/A	N/A	N/A	ND	0.014	ND	ND	ND	ND	ND	ND	0.031	0.025	0.010
COBALT	7440-48-4	***	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010
COPPER	7440-50-8	1.300	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011	0.010
LEAD	7439-92-1	0.015	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
NICKEL	7440-02-0	***	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.040
SELENIUM	7782-49-2	0.050	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.035
SILVER	7440-22-4	***	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010
TALLIUM	7440-28-0	0.002	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010
VANADIUM	7440-62-2	***	N/A	N/A	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.050
ZINC	7440-66-6	5.000	N/A	N/A	N/A	ND	0.025	ND	ND	ND	ND	ND	ND	ND	ND	0.020

LEYENDA

Metodo 8260: Método de Análisis para Volátiles según EPA SW-846
RL: Reporting Limit (límite de Reporte según método) en mg/L
MG/L: Miligrams per Liter (miligramos por litro)
***: EPA no tienen un MCL establecido par este parámetro
MCL: Maximum Contaminant Level (Nivel Máximo de Contaminación) según EPA en mg/L

QA/QC: Quality Assurance/Quality Control (Muestras de Control de Calidad y Certeza)
ND: ND Detectado **N/A:** No Aplica
Arrojó un resultado por encima del MCL establecido por EPA
COV's: Compuestos Orgánicos Volátiles según listado requerido para este muestreo.
CAS NO: Chemical Abstract Service (identificadores numéricos para parámetro a ser analizado).

ANEJO 1

Hoja de Datos de Campo

SRS Arecibo 05/18/12

WELL DEVELOPMENT DATA									
SAMPLING EVENT LOCATION:	SRS ARECIBO			EVENT START TIME:					
DESCRIPTION OF WELL CONDITION	WELL I.D. AND TYPE								
	COMPLIANCE			COMPLIANCE					
	W-2			W-1					
WEATHER	Sunny			Sunny					
GROUNDWATER PRESENCE DATA									
DEPTH OF WATER BEFORE DEVELOPME	~~2.28ft~~ 4.28			~~7.93ft~~ 7.94					
DEPTH OF WATER AFTER DEVELOPMEN	~~11.28ft~~ 9.70			~~14.21~~ 20.35					
WELL CONSTRUCTION DATA									
DEPTH OF WELL	30.0FT			41.60FT					
HEIGHT OF CASING	2.50FT			3.00FT					
WELL DIAMETER	4 INCH			4 INCH					
LENGTH OF WATER COLUMN	25.72			33.606					
VOLUME OF WATER IN COLUMN	16			21					
VOLUMES TO BE REMOVED FROM WELI	16gal			21gal					
WELL DEVELOPMENT DATA									
SURGE TECHNIQUE	PUMP/BAILER			PUMP/BAILER			PUMP/BAILER		
SURGE START TIME	0954			1043					
SURGE END TIME	1003			1052					
DEVELOPMENT (3 VOLUMES)	W-2			W-1					
FIELD PARAMETER DATA	VOL (1)	VOL (2)	VOL (3)	VOL (1)	VOL (2)	VOL (3)	VOL (1)	VOL (2)	VOL (3)
GALLONS	5	5	6	7	7	7			
WATER LEVEL (FT)	8.15	10.41	13.85	14.21	19.90	26.17			
TIME (AM OR PM)	0957	1000	1003	1046	1049	1052			
TEMP (^{o}C)	29.61	27.44	27.27	28.32	28.31	28.38			
SPECIFIC CONDUCTANCE(mS/cm)	234	231	231	349	336	335			
PH	10.25	9.38	8.74	7.88	8.39	8.41			
TURBIDITY (ntu)	31ntu	94 ntu	50.2 ntu	5.47ntu	4.16ntu	3.31 ntu			
DO (%)	3.7	1.6	0.8	3.1	1.6	2.1			
SALINITY	0.11	0.11	0.11	0.16	0.16	0.16			
COLOR	murky	murky	clear	clear	clear	clear			
ODOR	none	none	none	none	none	none			
SAMPLE TIME	mw-2-1 (1009) / mw-2-2 (101			mw-1-1 (1052) / mw-1-2 (1054)					
COMMENTS									
EQUIPMENT	YSI PLUS								
LOGGED IN THE FIELD BY:		END OF EVENT AT (TIME):				SIGNATURE			

TDS	0.152	0.150	0.148	0.218	0.221	0.218

JB

SRS Arecibo 05/18/16

WELL DEVELOPMENT DATA									
SAMPLING EVENT LOCATION:	SRS ARECIBO				EVENT START TIME:				
DESCRIPTION OF WELL CONDITION	WELL I.D. AND TYPE								
	UPGRADIENT			COMPLIANCE			COMPLIANCE		
	W-5			W-4			W-3		
WEATHER	Sunny			Sunny			Sunny		
GROUNDWATER PRESENCE DATA									
DEPTH OF WATER BEFORE DEVELOPME	4.105			10.85			18.37		
DEPTH OF WATER AFTER DEVELOPMEN	16.68			10.85			18.37		
WELL CONSTRUCTION DATA									
DEPTH OF WELL	42.00FT			54FT			47.0FT		
HEIGHT OF CASING	2.50FT			2.50FT			2.5FT		
WELL DIAMETER	4 INCH			4 INCH			4 INCH		
LENGTH OF WATER COLUMN	37.95			43.15			28.63		
VOLUME OF WATER IN COLUMN	24			28			18		
VOLUMES TO BE REMOVED FROM WELL	24 gal			28 gal.			18 gal.		
WELL DEVELOPMENT DATA									
SURGE TECHNIQUE	PUMP/BAILER			PUMP/BAILER			PUMP/BAILER		
SURGE START TIME	1130			0835			0911		
SURGE END TIME	1142			0848			0919		
DEVELOPMENT (3 VOLUMES)	W-5			W-4			W-3		
FIELD PARAMETER DATA	VOL (1)	VOL (2)	VOL (3)	VOL (1)	VOL (2)	VOL (3)	VOL (1)	VOL (2)	VOL (3)
GALLONS	8	8	8	9	9	10	6	6	6
WATER LEVEL (FT)	9.91	14.40	20.45	10.86	10.86	10.86	18.84	18.84	18.84
TIME (AM OR PM)	1134	1138	1142	0840	0844	0848	0913	0916	0919
TEMP (^{0}C)	26.71	26.68	26.78	28.21	28.28	28.06	28.24	27.69	27.67
SPECIFIC CONDUCTANCE(mS/cm)	264	262	260	709	680	497	447	441	366
PH	10.39	9.87	10.26	10.27	9.84	9.76	11.25	10.26	10.13
TURBIDITY (ntu)	1137 AU	59 ntu	610 AU	-21 ntu	20.0 ntu	7.42 ntu	5.97 ntu	1.29 ntu	2.60 ntu
DO (%)	6.9	6.1	10.2	0.2	1.9	1.3	2.9	2.0	7.5
SALINITY	0.12	0.12	0.12	0.34	0.33	0.24	0.21	0.21	0.17
COLOR	Murky	clear	clear	gray	gray	clear	clear	clear	clear
ODOR	none	none	none	organic	organic	organic	none	none	none
SAMPLE TIME	MW-5-1 (1150) / MW-5-2 1152			MW-4-1 (855) / 0857 MW-4-2			MW-3-1 (924) / MW-3-2 (926)		
COMMENTS									
EQUIPMENT	YSI MULTI PLUS								
LOGGED IN THE FIELD BY:		END OF EVENT AT (TIME):			SIGNATURE				

TD

0.172	0.170	0.169	0.461	0.443	0.426	0.291	0.283	0.243

ANEJO 2

Cadenas de Custodia

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WO# : 2036880

2036880

-OF-CUSTODY / Analytical Request Document

-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

2030800

Section A Required Client Information:

Company:	GESPR
Address:	1550 Ave. Ponce de Leon Piso 2, San Juan, PR.
Email To:	
Phone: 7877211418	Fax: NA
Requested Due Date/TAT:	STD

Section B

Report To:	Efrain Camis | GESPR
Copy To:	Efrain Camis | GESPR
Purchase Order No.:	
Project Name:	SRS Arecibo
Project Number:	7101093

Section C Invoice Information:

Attention:	Efrain Camis
Company Name:	GESPR
Address:	
Pace Quote Reference:	
Pace Project Manager:	Jon Redondo
Pace Profile #:	5580

REGULATORY AGENCY

NPDES / GROUND WATER / DRINKING WATER / UST / RCRA / ☑ OTHER EQB

Site Location STATE: Arecibo PR

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): N N

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOC 8260	Metals 6010	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	TB-051816	WT	G			051816	—	NA	3				3					X		N	2036880
2	MW-4-1	WT	G			051816	855	NA	4			1	3					X	X	N	
3	MW-4-2	WT	G			051816	857	NA	4			1	3					X	X	N	
4	MW-3-1	WT	G			051816	0924	NA	4			1	3					X	X	N	
5	MW-3-2	WT	G			051816	0926	NA	4			1	3					X	X	N	
6	MW-2-1	WT	G			051816	1009	NA	4			1	3					X	X	N	
7	MW-2-2	WT	G			051816	1011	NA	4			1	3					X	X	N	
8	MW-1-1	WT	G			051816	1057	NA	4			1	3					X	X	N	
9	MW-1-2	WT	G			051816	1059	NA	4			1	3					X	X	N	
10	MW-5-1	WT	G			051816	1150	NA	4			1	3					X	X	N	
11	MW-5-2	WT	G			051816	1152	NA	4			1	3					X	X	N	
12	FB-051816	WT	G			051816	1205	NA	3				3					X		N	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SRS Arecibo - lab rpt numbers	Jose Bonilla | GESPR	051816	15:07	[signature] / Pace	5-18-16	15:07				
21861 - EQEDD - zip	[signature] / Pace	5-18-16	17:40	FedEx			0.9	Y	Y	Y
ges@gusonline.com	FedEx	5/19/16	850	[signature] Pace	5/19/16	850	1.2 / 1.8			

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jose Bonilla | GESPR

SIGNATURE of SAMPLER: Jose Bonilla   DATE Signed (MM/DD/YY): 051816

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical

Urb. Jardines de Guaynabo
Calle Mrginal Blq A-10
Guaynabo, PR 00969

Sample Condition Upon Receip

WO# : 2036880

PM: JAR1 **Due Date: 06/02/16**

CLIENT: 98-GES PR

Project #

Courier: ☐ Pace Courier ☐ Hired Courier ☐ Fed X ☐ UPS ☐ DHL ☐ USPS ☑ Customer ☐ Other

Custody Seal on Cooler/Box Present: [see COC] **Custody Seals intact:** ☐Yes ☐No

Therometer Used: ☑ Therm Fisher IR 4 ☐ Therm Fisher IR 6 ☐ Therm Fisher IR 7

Type of Ice: Wet Blue None

Samples on ice: [see COC]

Cooler Temperature: [see COC]

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 5-28-16 HG

Temp must be measured from Temperature blank when present

				Comments:
Temperature Blank Present"?	☐Yes	☑No	☐N/A	1
Chain of Custody Present:	☑Yes	☐No	☐N/A	2
Chain of Custody Complete:	☑Yes	☐No	☐N/A	3
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	4
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	5
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	6
Sufficient Volume:	☑Yes	☐No	☐N/A	7
Correct Containers Used:	☑Yes	☐No	☐N/A	8
Filtered vol. Rec. for Diss. tests	☐Yes	☐No	☑N/A	9
Sample Labels match COC:	☑Yes	☐No	☐N/A	10
All containers received within manafacture's precautionary and/or expiration dates.	☑Yes	☐No	☐N/A	11
All containers needing chemical preservation have been checked (except VOA, coliform, & O&G).	☐Yes	☐No	☑N/A	12
All containers preservation checked found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A	13 If No, was preserative added? ☐Yes ☐No If added record lot no.: HNO_3 _____ H_2SO_4 _____
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	14
Trip Blank Present:	☑Yes	☐No		15

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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St. Rose, LA 70087

Sample Condition Upon Receipt

Project #: 20 36880

Courier: ☐ Pace Courier ☐ Hired Courier ☒ Fed X ☐ UPS ☐ DHL ☐ USPS ☐ Customer ☐ Other

Custody Seal on Cooler/Box Present: [see COC] **Custody Seals intact:** ☒Yes ☐No

Therometer Used: ☐ Therm Fisher IR 5 ☐ Therm Fisher IR 6 ☒ Therm Fisher IR 7

Type of Ice: (Wet) Blue None

Samples on ice: [see COC]

Cooler Temperature: [see COC]

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 05-19-16 MB

Temp must be measured from Temperature blank when present

				Comments:
Temperature Blank Present"?	☐Yes	☐No	☒N/A	1
Chain of Custody Present:	☒Yes	☐No	☐N/A	2
Chain of Custody Complete:	☒Yes	☐No	☐N/A	3
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	4
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	5
Samples Arrived within Hold Time:	☒Yes	☐No	☐N/A	6
Sufficient Volume:	☒Yes	☐No	☐N/A	7
Correct Containers Used:	☒Yes	☐No	☐N/A	8
Filtered vol. Rec. for Diss. tests	☐Yes	☐No	☒N/A	9
Sample Labels match COC:	☒Yes	☐No	☐N/A	10
All containers received within manafacture's precautionary and/or expiration dates.	☒Yes	☐No	☐N/A	11
All containers needing chemical preservation have been checked (except VOA, coliform, & O&G).	☒Yes	☐No	☐N/A	12
All containers preservation checked found to be in compliance with EPA recommendation.	☒Yes	☐No	☐N/A	13 If No, was preserative added? ☐Yes ☐No If added record lot no.: HNO_3 _____ H_2SO_4 _____
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☒N/A	14
Trip Blank Present:	☐Yes	☒No		15

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

ANEJO 3

Resultados de Laboratorio

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May 26, 2016

Isidro Perera
GES PR
1418 Ave. Ponce De Leon Ave
Suite 201
San Juan, PR 009074000

RE: Project: SRS ARECIBO
Pace Project No.: 2036880

Dear Isidro Perera:
Enclosed are the analytical results for sample(s) received by the laboratory on May 18, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Yeireliz Torres for
Juan Redondo
juan.redondo@pacelabs.com
Project Manager

Enclosures

cc: Efrain Camis
Laura Lugo

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CERTIFICATIONS

Project: SRS ARECIBO
Pace Project No.: 2036880

New Orleans Certification IDs

California Env. Lab Accreditation Program Branch: 11277CA
Florida Department of Health (NELAC): E87595
Illinois Environmental Protection Agency: 0025721
Kansas Department of Health and Environment (NELAC): E-10266
Louisiana Dept. of Environmental Quality (NELAC/LELAP): 02006
Pennsylvania Dept. of Env Protection (NELAC): 68-04202
Texas Commission on Env. Quality (NELAC): T104704405-09-TX
U.S. Dept. of Agriculture Foreign Soil Import: P330-10-00119
Commonwealth of Virginia (TNI): 480246

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: SRS ARECIBO
Pace Project No.: 2036880

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2036880001	TB-051816	Water	05/18/16 00:00	05/18/16 15:07
2036880002	MW-4-1	Water	05/18/16 08:55	05/18/16 15:07
2036880003	MW-4-2	Water	05/18/16 08:57	05/18/16 15:07
2036880004	MW-3-1	Water	05/18/16 09:24	05/18/16 15:07
2036880005	MW-3-2	Water	05/18/16 09:26	05/18/16 15:07
2036880006	MW-2-1	Water	05/18/16 10:09	05/18/16 15:07
2036880007	MW-2-2	Water	05/18/16 10:11	05/18/16 15:07
2036880008	MW-1-1	Water	05/18/16 10:57	05/18/16 15:07
2036880009	MW-1-2	Water	05/18/16 10:59	05/18/16 15:07
2036880010	MW-5-1	Water	05/18/16 11:50	05/18/16 15:07
2036880011	MW-5-2	Water	05/18/16 11:52	05/18/16 15:07
2036880012	FB-051816	Water	05/18/16 12:05	05/18/16 15:07

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SAMPLE ANALYTE COUNT

Project: SRS ARECIBO
Pace Project No.: 2036880

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2036880001	TB-051816	EPA 8260	JRP	48	PASI-N
2036880002	MW-4-1	EPA 6010	MHB1	15	PASI-N
		EPA 8260	JRP	48	PASI-N
2036880003	MW-4-2	EPA 6010	MHB1	15	PASI-N
		EPA 8260	JRP	48	PASI-N
2036880004	MW-3-1	EPA 6010	MHB1	15	PASI-N
		EPA 8260	JRP	48	PASI-N
2036880005	MW-3-2	EPA 6010	MHB1	15	PASI-N
		EPA 8260	JRP	48	PASI-N
2036880006	MW-2-1	EPA 6010	MHB1	15	PASI-N
		EPA 8260	JRP	48	PASI-N
2036880007	MW-2-2	EPA 6010	MHB1	15	PASI-N
		EPA 8260	JRP	48	PASI-N
2036880008	MW-1-1	EPA 6010	MHB1	15	PASI-N
		EPA 8260	JRP	48	PASI-N
2036880009	MW-1-2	EPA 6010	MHB1	15	PASI-N
		EPA 8260	JRP	48	PASI-N
2036880010	MW-5-1	EPA 6010	MHB1	15	PASI-N
		EPA 8260	JRP	48	PASI-N
2036880011	MW-5-2	EPA 6010	MHB1	15	PASI-N
		EPA 8260	JRP	48	PASI-N
2036880012	FB-051816	EPA 8260	JRP	48	PASI-N

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PROJECT NARRATIVE

Project: SRS ARECIBO
Pace Project No.: 2036880

Method: EPA 6010
Description: 6010 Metals, Total
Client: GES PR
Date: May 26, 2016

General Information:
10 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: SRS ARECIBO
Pace Project No.: 2036880

Method: EPA 8260
Description: 8260 MSV
Client: GES PR
Date: May 26, 2016

General Information:
12 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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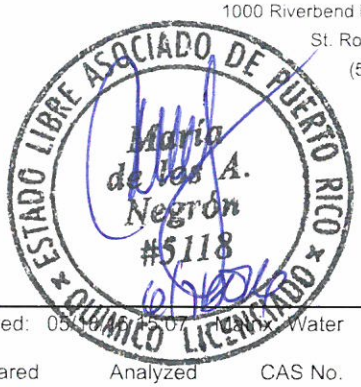

ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: TB-051816 **Lab ID: 2036880001** Collected: 05/18/16 00:00 Received: 05/[illegible]/16 07:[illegible] Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	**0.031**	mg/L	0.010	1		05/20/16 10:55	67-64-1	
Benzene	ND	mg/L	0.0050	1		05/20/16 10:55	71-43-2	
Bromodichloromethane	ND	mg/L	0.0050	1		05/20/16 10:55	75-27-4	
Bromoform	ND	mg/L	0.0050	1		05/20/16 10:55	75-25-2	
Bromomethane	ND	mg/L	0.0050	1		05/20/16 10:55	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.010	1		05/20/16 10:55	78-93-3	
Carbon disulfide	ND	mg/L	0.0050	1		05/20/16 10:55	75-15-0	
Carbon tetrachloride	ND	mg/L	0.0050	1		05/20/16 10:55	56-23-5	
Chlorobenzene	ND	mg/L	0.0050	1		05/20/16 10:55	108-90-7	
Chloroethane	ND	mg/L	0.0050	1		05/20/16 10:55	75-00-3	
Chloroform	ND	mg/L	0.0050	1		05/20/16 10:55	67-66-3	
Chloromethane	ND	mg/L	0.0050	1		05/20/16 10:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.0050	1		05/20/16 10:55	96-12-8	
Dibromochloromethane	ND	mg/L	0.0050	1		05/20/16 10:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0050	1		05/20/16 10:55	106-93-4	
1,2-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 10:55	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 10:55	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 10:55	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0050	1		05/20/16 10:55	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 10:55	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 10:55	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 10:55	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 10:55	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 10:55	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0050	1		05/20/16 10:55	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 10:55	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 10:55	10061-02-6	
Ethylbenzene	ND	mg/L	0.0050	1		05/20/16 10:55	100-41-4	
2-Hexanone	ND	mg/L	0.010	1		05/20/16 10:55	591-78-6	
Isopropylbenzene (Cumene)	ND	mg/L	0.0050	1		05/20/16 10:55	98-82-8	
Methyl acetate	ND	mg/L	0.010	1		05/20/16 10:55	79-20-9	
Methylene Chloride	ND	mg/L	0.0050	1		05/20/16 10:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.010	1		05/20/16 10:55	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.0050	1		05/20/16 10:55	1634-04-4	
Styrene	ND	mg/L	0.0050	1		05/20/16 10:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0050	1		05/20/16 10:55	79-34-5	
Tetrachloroethene	ND	mg/L	0.0050	1		05/20/16 10:55	127-18-4	
Toluene	ND	mg/L	0.0050	1		05/20/16 10:55	108-88-3	
1,1,1-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 10:55	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 10:55	79-00-5	
Trichloroethene	ND	mg/L	0.0050	1		05/20/16 10:55	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0050	1		05/20/16 10:55	75-69-4	
Vinyl chloride	ND	mg/L	0.0020	1		05/20/16 10:55	75-01-4	
m&p-Xylene	ND	mg/L	0.010	1		05/20/16 10:55	179601-23-1	
o-Xylene	ND	mg/L	0.0050	1		05/20/16 10:55	95-47-6	
Surrogates								
Toluene-d8 (S)	100	%.	70-123	1		05/20/16 10:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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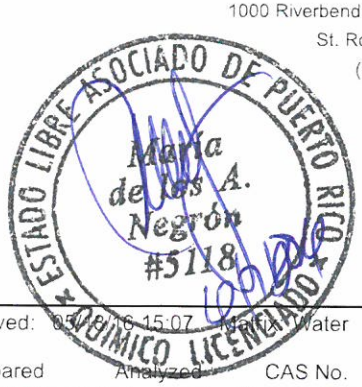

ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: TB-051816 **Lab ID: 2036880001** Collected: 05/18/16 00:00 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Surrogates								
4-Bromofluorobenzene (S)	98	%.	62-134	1		05/20/16 10:55	460-00-4	
Dibromofluoromethane (S)	101	%.	64-130	1		05/20/16 10:55	1868-53-7	

Sample: MW-4-1 **Lab ID: 2036880002** Collected: 05/18/16 08:55 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	mg/L	0.060	1	05/20/16 05:00	05/25/16 00:03	7440-36-0	
Arsenic	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:03	7440-38-2	
Barium	**0.25**	mg/L	0.20	1	05/20/16 05:00	05/25/16 00:03	7440-39-3	
Beryllium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:03	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:03	7440-43-9	
Chromium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:03	7440-47-3	
Cobalt	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:03	7440-48-4	
Copper	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:03	7440-50-8	
Lead	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:03	7439-92-1	
Nickel	ND	mg/L	0.040	1	05/20/16 05:00	05/25/16 00:03	7440-02-0	
Selenium	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:03	7782-49-2	
Silver	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:03	7440-22-4	
Thallium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:03	7440-28-0	
Vanadium	ND	mg/L	0.050	1	05/20/16 05:00	05/25/16 00:03	7440-62-2	
Zinc	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:03	7440-66-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	**0.021**	mg/L	0.010	1		05/20/16 11:13	67-64-1	
Benzene	ND	mg/L	0.0050	1		05/20/16 11:13	71-43-2	
Bromodichloromethane	ND	mg/L	0.0050	1		05/20/16 11:13	75-27-4	
Bromoform	ND	mg/L	0.0050	1		05/20/16 11:13	75-25-2	
Bromomethane	ND	mg/L	0.0050	1		05/20/16 11:13	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.010	1		05/20/16 11:13	78-93-3	
Carbon disulfide	ND	mg/L	0.0050	1		05/20/16 11:13	75-15-0	
Carbon tetrachloride	ND	mg/L	0.0050	1		05/20/16 11:13	56-23-5	
Chlorobenzene	ND	mg/L	0.0050	1		05/20/16 11:13	108-90-7	
Chloroethane	ND	mg/L	0.0050	1		05/20/16 11:13	75-00-3	
Chloroform	ND	mg/L	0.0050	1		05/20/16 11:13	67-66-3	
Chloromethane	ND	mg/L	0.0050	1		05/20/16 11:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.0050	1		05/20/16 11:13	96-12-8	
Dibromochloromethane	ND	mg/L	0.0050	1		05/20/16 11:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0050	1		05/20/16 11:13	106-93-4	
1,2-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 11:13	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 11:13	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 11:13	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0050	1		05/20/16 11:13	75-71-8	

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ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-4-1 **Lab ID: 2036880002** Collected: 05/18/16 08:55 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 11:13	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 11:13	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 11:13	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 11:13	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 11:13	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0050	1		05/20/16 11:13	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 11:13	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 11:13	10061-02-6	
Ethylbenzene	ND	mg/L	0.0050	1		05/20/16 11:13	100-41-4	
2-Hexanone	ND	mg/L	0.010	1		05/20/16 11:13	591-78-6	
Isopropylbenzene (Cumene)	ND	mg/L	0.0050	1		05/20/16 11:13	98-82-8	
Methyl acetate	ND	mg/L	0.010	1		05/20/16 11:13	79-20-9	
Methylene Chloride	ND	mg/L	0.0050	1		05/20/16 11:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.010	1		05/20/16 11:13	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.0050	1		05/20/16 11:13	1634-04-4	
Styrene	ND	mg/L	0.0050	1		05/20/16 11:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0050	1		05/20/16 11:13	79-34-5	
Tetrachloroethene	ND	mg/L	0.0050	1		05/20/16 11:13	127-18-4	
Toluene	ND	mg/L	0.0050	1		05/20/16 11:13	108-88-3	
1,1,1-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 11:13	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 11:13	79-00-5	
Trichloroethene	ND	mg/L	0.0050	1		05/20/16 11:13	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0050	1		05/20/16 11:13	75-69-4	
Vinyl chloride	ND	mg/L	0.0020	1		05/20/16 11:13	75-01-4	
m&p-Xylene	ND	mg/L	0.010	1		05/20/16 11:13	179601-23-1	
o-Xylene	ND	mg/L	0.0050	1		05/20/16 11:13	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%.	70-123	1		05/20/16 11:13	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	62-134	1		05/20/16 11:13	460-00-4	
Dibromofluoromethane (S)	102	%.	64-130	1		05/20/16 11:13	1868-53-7	

Sample: MW-4-2 **Lab ID: 2036880003** Collected: 05/18/16 08:57 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	mg/L	0.060	1	05/20/16 05:00	05/25/16 00:07	7440-36-0	
Arsenic	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:07	7440-38-2	
Barium	**0.25**	mg/L	0.20	1	05/20/16 05:00	05/25/16 00:07	7440-39-3	
Beryllium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:07	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:07	7440-43-9	
Chromium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:07	7440-47-3	
Cobalt	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:07	7440-48-4	
Copper	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:07	7440-50-8	
Lead	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:07	7439-92-1	
Nickel	ND	mg/L	0.040	1	05/20/16 05:00	05/25/16 00:07	7440-02-0	

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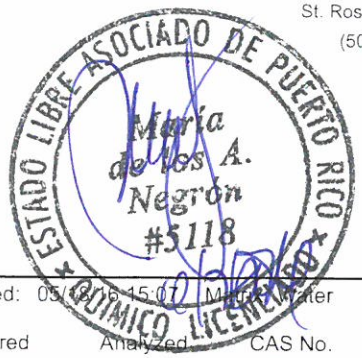

ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-4-2 **Lab ID: 2036880003** Collected: 05/18/16 08:57 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Selenium	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:07	7782-49-2	
Silver	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:07	7440-22-4	
Thallium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:07	7440-28-0	
Vanadium	ND	mg/L	0.050	1	05/20/16 05:00	05/25/16 00:07	7440-62-2	
Zinc	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:07	7440-66-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	**0.016**	mg/L	0.010	1		05/20/16 12:05	67-64-1	
Benzene	ND	mg/L	0.0050	1		05/20/16 12:05	71-43-2	
Bromodichloromethane	ND	mg/L	0.0050	1		05/20/16 12:05	75-27-4	
Bromoform	ND	mg/L	0.0050	1		05/20/16 12:05	75-25-2	
Bromomethane	ND	mg/L	0.0050	1		05/20/16 12:05	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.010	1		05/20/16 12:05	78-93-3	
Carbon disulfide	ND	mg/L	0.0050	1		05/20/16 12:05	75-15-0	
Carbon tetrachloride	ND	mg/L	0.0050	1		05/20/16 12:05	56-23-5	
Chlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:05	108-90-7	
Chloroethane	ND	mg/L	0.0050	1		05/20/16 12:05	75-00-3	
Chloroform	ND	mg/L	0.0050	1		05/20/16 12:05	67-66-3	
Chloromethane	ND	mg/L	0.0050	1		05/20/16 12:05	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.0050	1		05/20/16 12:05	96-12-8	
Dibromochloromethane	ND	mg/L	0.0050	1		05/20/16 12:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0050	1		05/20/16 12:05	106-93-4	
1,2-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:05	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:05	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:05	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0050	1		05/20/16 12:05	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 12:05	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 12:05	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 12:05	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 12:05	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 12:05	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0050	1		05/20/16 12:05	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 12:05	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 12:05	10061-02-6	
Ethylbenzene	ND	mg/L	0.0050	1		05/20/16 12:05	100-41-4	
2-Hexanone	ND	mg/L	0.010	1		05/20/16 12:05	591-78-6	
Isopropylbenzene (Cumene)	ND	mg/L	0.0050	1		05/20/16 12:05	98-82-8	
Methyl acetate	ND	mg/L	0.010	1		05/20/16 12:05	79-20-9	
Methylene Chloride	ND	mg/L	0.0050	1		05/20/16 12:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.010	1		05/20/16 12:05	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.0050	1		05/20/16 12:05	1634-04-4	
Styrene	ND	mg/L	0.0050	1		05/20/16 12:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0050	1		05/20/16 12:05	79-34-5	
Tetrachloroethene	ND	mg/L	0.0050	1		05/20/16 12:05	127-18-4	
Toluene	ND	mg/L	0.0050	1		05/20/16 12:05	108-88-3	
1,1,1-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 12:05	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 12:05	79-00-5	

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ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-4-2 **Lab ID: 2036880003** Collected: 05/18/16 08:57 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Trichloroethene	ND	mg/L	0.0050	1		05/20/16 12:05	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0050	1		05/20/16 12:05	75-69-4	
Vinyl chloride	ND	mg/L	0.0020	1		05/20/16 12:05	75-01-4	
m&p-Xylene	ND	mg/L	0.010	1		05/20/16 12:05	179601-23-1	
o-Xylene	ND	mg/L	0.0050	1		05/20/16 12:05	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%.	70-123	1		05/20/16 12:05	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	62-134	1		05/20/16 12:05	460-00-4	
Dibromofluoromethane (S)	102	%.	64-130	1		05/20/16 12:05	1868-53-7	

Sample: MW-3-1 **Lab ID: 2036880004** Collected: 05/18/16 09:24 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	mg/L	0.060	1	05/20/16 05:00	05/25/16 00:11	7440-36-0	
Arsenic	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:11	7440-38-2	
Barium	ND	mg/L	0.20	1	05/20/16 05:00	05/25/16 00:11	7440-39-3	
Beryllium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:11	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:11	7440-43-9	
Chromium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:11	7440-47-3	
Cobalt	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:11	7440-48-4	
Copper	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:11	7440-50-8	
Lead	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:11	7439-92-1	
Nickel	ND	mg/L	0.040	1	05/20/16 05:00	05/25/16 00:11	7440-02-0	
Selenium	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:11	7782-49-2	
Silver	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:11	7440-22-4	
Thallium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:11	7440-28-0	
Vanadium	ND	mg/L	0.050	1	05/20/16 05:00	05/25/16 00:11	7440-62-2	
Zinc	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:11	7440-66-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	**0.014**	mg/L	0.010	1		05/20/16 12:23	67-64-1	
Benzene	ND	mg/L	0.0050	1		05/20/16 12:23	71-43-2	
Bromodichloromethane	ND	mg/L	0.0050	1		05/20/16 12:23	75-27-4	
Bromoform	ND	mg/L	0.0050	1		05/20/16 12:23	75-25-2	
Bromomethane	ND	mg/L	0.0050	1		05/20/16 12:23	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.010	1		05/20/16 12:23	78-93-3	
Carbon disulfide	ND	mg/L	0.0050	1		05/20/16 12:23	75-15-0	
Carbon tetrachloride	ND	mg/L	0.0050	1		05/20/16 12:23	56-23-5	
Chlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:23	108-90-7	
Chloroethane	ND	mg/L	0.0050	1		05/20/16 12:23	75-00-3	
Chloroform	ND	mg/L	0.0050	1		05/20/16 12:23	67-66-3	
Chloromethane	ND	mg/L	0.0050	1		05/20/16 12:23	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.0050	1		05/20/16 12:23	96-12-8	

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ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-3-1 **Lab ID: 2036880004** Collected: 05/18/16 09:24 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	mg/L	0.0050	1		05/20/16 12:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0050	1		05/20/16 12:23	106-93-4	
1,2-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:23	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:23	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:23	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0050	1		05/20/16 12:23	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 12:23	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 12:23	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 12:23	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 12:23	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 12:23	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0050	1		05/20/16 12:23	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 12:23	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 12:23	10061-02-6	
Ethylbenzene	ND	mg/L	0.0050	1		05/20/16 12:23	100-41-4	
2-Hexanone	ND	mg/L	0.010	1		05/20/16 12:23	591-78-6	
Isopropylbenzene (Cumene)	ND	mg/L	0.0050	1		05/20/16 12:23	98-82-8	
Methyl acetate	ND	mg/L	0.010	1		05/20/16 12:23	79-20-9	
Methylene Chloride	ND	mg/L	0.0050	1		05/20/16 12:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.010	1		05/20/16 12:23	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.0050	1		05/20/16 12:23	1634-04-4	
Styrene	ND	mg/L	0.0050	1		05/20/16 12:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0050	1		05/20/16 12:23	79-34-5	
Tetrachloroethene	ND	mg/L	0.0050	1		05/20/16 12:23	127-18-4	
Toluene	ND	mg/L	0.0050	1		05/20/16 12:23	108-88-3	
1,1,1-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 12:23	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 12:23	79-00-5	
Trichloroethene	ND	mg/L	0.0050	1		05/20/16 12:23	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0050	1		05/20/16 12:23	75-69-4	
Vinyl chloride	ND	mg/L	0.0020	1		05/20/16 12:23	75-01-4	
m&p-Xylene	ND	mg/L	0.010	1		05/20/16 12:23	179601-23-1	
o-Xylene	ND	mg/L	0.0050	1		05/20/16 12:23	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%.	70-123	1		05/20/16 12:23	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	62-134	1		05/20/16 12:23	460-00-4	
Dibromofluoromethane (S)	102	%.	64-130	1		05/20/16 12:23	1868-53-7	

Sample: MW-3-2 **Lab ID: 2036880005** Collected: 05/18/16 09:26 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	mg/L	0.060	1	05/20/16 05:00	05/25/16 00:15	7440-36-0	
Arsenic	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:15	7440-38-2	
Barium	ND	mg/L	0.20	1	05/20/16 05:00	05/25/16 00:15	7440-39-3	
Beryllium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:15	7440-41-7	

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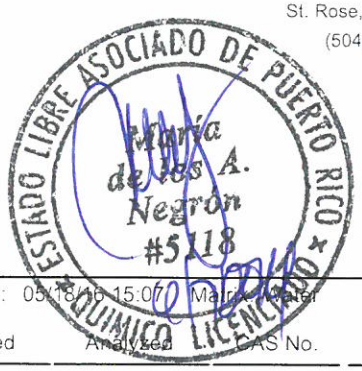

ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-3-2 **Lab ID: 2036880005** Collected: 05/18/16 09:26 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Cadmium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:15	7440-43-9	
Chromium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:15	7440-47-3	
Cobalt	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:15	7440-48-4	
Copper	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:15	7440-50-8	
Lead	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:15	7439-92-1	
Nickel	ND	mg/L	0.040	1	05/20/16 05:00	05/25/16 00:15	7440-02-0	
Selenium	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:15	7782-49-2	
Silver	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:15	7440-22-4	
Thallium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:15	7440-28-0	
Vanadium	ND	mg/L	0.050	1	05/20/16 05:00	05/25/16 00:15	7440-62-2	
Zinc	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:15	7440-66-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	**0.016**	mg/L	0.010	1		05/20/16 12:40	67-64-1	
Benzene	ND	mg/L	0.0050	1		05/20/16 12:40	71-43-2	
Bromodichloromethane	ND	mg/L	0.0050	1		05/20/16 12:40	75-27-4	
Bromoform	ND	mg/L	0.0050	1		05/20/16 12:40	75-25-2	
Bromomethane	ND	mg/L	0.0050	1		05/20/16 12:40	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.010	1		05/20/16 12:40	78-93-3	
Carbon disulfide	ND	mg/L	0.0050	1		05/20/16 12:40	75-15-0	
Carbon tetrachloride	ND	mg/L	0.0050	1		05/20/16 12:40	56-23-5	
Chlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:40	108-90-7	
Chloroethane	ND	mg/L	0.0050	1		05/20/16 12:40	75-00-3	
Chloroform	ND	mg/L	0.0050	1		05/20/16 12:40	67-66-3	
Chloromethane	ND	mg/L	0.0050	1		05/20/16 12:40	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.0050	1		05/20/16 12:40	96-12-8	
Dibromochloromethane	ND	mg/L	0.0050	1		05/20/16 12:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0050	1		05/20/16 12:40	106-93-4	
1,2-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:40	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:40	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:40	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0050	1		05/20/16 12:40	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 12:40	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 12:40	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 12:40	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 12:40	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 12:40	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0050	1		05/20/16 12:40	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 12:40	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 12:40	10061-02-6	
Ethylbenzene	ND	mg/L	0.0050	1		05/20/16 12:40	100-41-4	
2-Hexanone	ND	mg/L	0.010	1		05/20/16 12:40	591-78-6	
Isopropylbenzene (Cumene)	ND	mg/L	0.0050	1		05/20/16 12:40	98-82-8	
Methyl acetate	ND	mg/L	0.010	1		05/20/16 12:40	79-20-9	
Methylene Chloride	ND	mg/L	0.0050	1		05/20/16 12:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.010	1		05/20/16 12:40	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.0050	1		05/20/16 12:40	1634-04-4	

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ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-3-2 **Lab ID: 2036880005** Collected: 05/18/16 09:26 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Styrene	ND	mg/L	0.0050	1		05/20/16 12:40	100-42-5	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0050	1		05/20/16 12:40	79-34-5	
Tetrachloroethene	ND	mg/L	0.0050	1		05/20/16 12:40	127-18-4	
Toluene	ND	mg/L	0.0050	1		05/20/16 12:40	108-88-3	
1,1,1-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 12:40	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 12:40	79-00-5	
Trichloroethene	ND	mg/L	0.0050	1		05/20/16 12:40	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0050	1		05/20/16 12:40	75-69-4	
Vinyl chloride	ND	mg/L	0.0020	1		05/20/16 12:40	75-01-4	
m&p-Xylene	ND	mg/L	0.010	1		05/20/16 12:40	179601-23-1	
o-Xylene	ND	mg/L	0.0050	1		05/20/16 12:40	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%.	70-123	1		05/20/16 12:40	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	62-134	1		05/20/16 12:40	460-00-4	
Dibromofluoromethane (S)	103	%.	64-130	1		05/20/16 12:40	1868-53-7	

Sample: MW-2-1 **Lab ID: 2036880006** Collected: 05/18/16 10:09 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	mg/L	0.060	1	05/20/16 05:00	05/25/16 00:19	7440-36-0	
Arsenic	**0.012**	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:19	7440-38-2	
Barium	ND	mg/L	0.20	1	05/20/16 05:00	05/25/16 00:19	7440-39-3	
Beryllium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:19	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:19	7440-43-9	
Chromium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:19	7440-47-3	
Cobalt	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:19	7440-48-4	
Copper	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:19	7440-50-8	
Lead	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:19	7439-92-1	
Nickel	ND	mg/L	0.040	1	05/20/16 05:00	05/25/16 00:19	7440-02-0	
Selenium	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:19	7782-49-2	
Silver	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:19	7440-22-4	
Thallium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:19	7440-28-0	
Vanadium	ND	mg/L	0.050	1	05/20/16 05:00	05/25/16 00:19	7440-62-2	
Zinc	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:19	7440-66-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	**0.012**	mg/L	0.010	1		05/20/16 12:58	67-64-1	
Benzene	ND	mg/L	0.0050	1		05/20/16 12:58	71-43-2	
Bromodichloromethane	ND	mg/L	0.0050	1		05/20/16 12:58	75-27-4	
Bromoform	ND	mg/L	0.0050	1		05/20/16 12:58	75-25-2	
Bromomethane	ND	mg/L	0.0050	1		05/20/16 12:58	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.010	1		05/20/16 12:58	78-93-3	
Carbon disulfide	ND	mg/L	0.0050	1		05/20/16 12:58	75-15-0	

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ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-2-1 **Lab ID: 2036880006** Collected: 05/18/16 10:09 Received: 05/19/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND	mg/L	0.0050	1		05/20/16 12:58	56-23-5	
Chlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:58	108-90-7	
Chloroethane	ND	mg/L	0.0050	1		05/20/16 12:58	75-00-3	
Chloroform	ND	mg/L	0.0050	1		05/20/16 12:58	67-66-3	
Chloromethane	ND	mg/L	0.0050	1		05/20/16 12:58	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.0050	1		05/20/16 12:58	96-12-8	
Dibromochloromethane	ND	mg/L	0.0050	1		05/20/16 12:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0050	1		05/20/16 12:58	106-93-4	
1,2-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:58	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:58	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 12:58	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0050	1		05/20/16 12:58	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 12:58	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 12:58	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 12:58	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 12:58	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 12:58	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0050	1		05/20/16 12:58	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 12:58	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 12:58	10061-02-6	
Ethylbenzene	ND	mg/L	0.0050	1		05/20/16 12:58	100-41-4	
2-Hexanone	ND	mg/L	0.010	1		05/20/16 12:58	591-78-6	
Isopropylbenzene (Cumene)	ND	mg/L	0.0050	1		05/20/16 12:58	98-82-8	
Methyl acetate	ND	mg/L	0.010	1		05/20/16 12:58	79-20-9	
Methylene Chloride	ND	mg/L	0.0050	1		05/20/16 12:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.010	1		05/20/16 12:58	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.0050	1		05/20/16 12:58	1634-04-4	
Styrene	ND	mg/L	0.0050	1		05/20/16 12:58	100-42-5	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0050	1		05/20/16 12:58	79-34-5	
Tetrachloroethene	ND	mg/L	0.0050	1		05/20/16 12:58	127-18-4	
Toluene	ND	mg/L	0.0050	1		05/20/16 12:58	108-88-3	
1,1,1-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 12:58	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 12:58	79-00-5	
Trichloroethene	ND	mg/L	0.0050	1		05/20/16 12:58	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0050	1		05/20/16 12:58	75-69-4	
Vinyl chloride	ND	mg/L	0.0020	1		05/20/16 12:58	75-01-4	
m&p-Xylene	ND	mg/L	0.010	1		05/20/16 12:58	179601-23-1	
o-Xylene	ND	mg/L	0.0050	1		05/20/16 12:58	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%.	70-123	1		05/20/16 12:58	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	62-134	1		05/20/16 12:58	460-00-4	
Dibromofluoromethane (S)	104	%.	64-130	1		05/20/16 12:58	1868-53-7	

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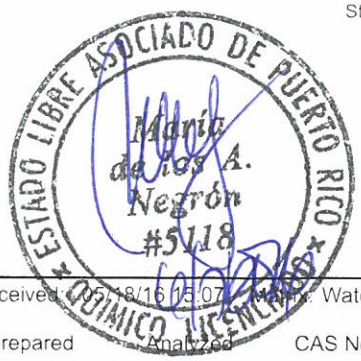

ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-2-2 **Lab ID: 2036880007** Collected: 05/18/16 10:11 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	mg/L	0.060	1	05/20/16 05:00	05/25/16 00:22	7440-36-0	
Arsenic	**0.012**	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:22	7440-38-2	
Barium	ND	mg/L	0.20	1	05/20/16 05:00	05/25/16 00:22	7440-39-3	
Beryllium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:22	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:22	7440-43-9	
Chromium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:22	7440-47-3	
Cobalt	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:22	7440-48-4	
Copper	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:22	7440-50-8	
Lead	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:22	7439-92-1	
Nickel	ND	mg/L	0.040	1	05/20/16 05:00	05/25/16 00:22	7440-02-0	
Selenium	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:22	7782-49-2	
Silver	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:22	7440-22-4	
Thallium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:22	7440-28-0	
Vanadium	ND	mg/L	0.050	1	05/20/16 05:00	05/25/16 00:22	7440-62-2	
Zinc	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:22	7440-66-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	**0.017**	mg/L	0.010	1		05/20/16 13:15	67-64-1	
Benzene	ND	mg/L	0.0050	1		05/20/16 13:15	71-43-2	
Bromodichloromethane	ND	mg/L	0.0050	1		05/20/16 13:15	75-27-4	
Bromoform	ND	mg/L	0.0050	1		05/20/16 13:15	75-25-2	
Bromomethane	ND	mg/L	0.0050	1		05/20/16 13:15	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.010	1		05/20/16 13:15	78-93-3	
Carbon disulfide	ND	mg/L	0.0050	1		05/20/16 13:15	75-15-0	
Carbon tetrachloride	ND	mg/L	0.0050	1		05/20/16 13:15	56-23-5	
Chlorobenzene	ND	mg/L	0.0050	1		05/20/16 13:15	108-90-7	
Chloroethane	ND	mg/L	0.0050	1		05/20/16 13:15	75-00-3	
Chloroform	ND	mg/L	0.0050	1		05/20/16 13:15	67-66-3	
Chloromethane	ND	mg/L	0.0050	1		05/20/16 13:15	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.0050	1		05/20/16 13:15	96-12-8	
Dibromochloromethane	ND	mg/L	0.0050	1		05/20/16 13:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0050	1		05/20/16 13:15	106-93-4	
1,2-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 13:15	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 13:15	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 13:15	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0050	1		05/20/16 13:15	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 13:15	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 13:15	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 13:15	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 13:15	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 13:15	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0050	1		05/20/16 13:15	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 13:15	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 13:15	10061-02-6	
Ethylbenzene	ND	mg/L	0.0050	1		05/20/16 13:15	100-41-4	
2-Hexanone	ND	mg/L	0.010	1		05/20/16 13:15	591-78-6	
Isopropylbenzene (Cumene)	ND	mg/L	0.0050	1		05/20/16 13:15	98-82-8	

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ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-2-2 **Lab ID: 2036880007** Collected: 05/18/16 10:11 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methyl acetate	ND	mg/L	0.010	1		05/20/16 13:15	79-20-9	
Methylene Chloride	ND	mg/L	0.0050	1		05/20/16 13:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.010	1		05/20/16 13:15	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.0050	1		05/20/16 13:15	1634-04-4	
Styrene	ND	mg/L	0.0050	1		05/20/16 13:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0050	1		05/20/16 13:15	79-34-5	
Tetrachloroethene	ND	mg/L	0.0050	1		05/20/16 13:15	127-18-4	
Toluene	ND	mg/L	0.0050	1		05/20/16 13:15	108-88-3	
1,1,1-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 13:15	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 13:15	79-00-5	
Trichloroethene	ND	mg/L	0.0050	1		05/20/16 13:15	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0050	1		05/20/16 13:15	75-69-4	
Vinyl chloride	ND	mg/L	0.0020	1		05/20/16 13:15	75-01-4	
m&p-Xylene	ND	mg/L	0.010	1		05/20/16 13:15	179601-23-1	
o-Xylene	ND	mg/L	0.0050	1		05/20/16 13:15	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%.	70-123	1		05/20/16 13:15	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	62-134	1		05/20/16 13:15	460-00-4	
Dibromofluoromethane (S)	104	%.	64-130	1		05/20/16 13:15	1868-53-7	

Sample: MW-1-1 **Lab ID: 2036880008** Collected: 05/18/16 10:57 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	mg/L	0.060	1	05/20/16 05:00	05/25/16 00:26	7440-36-0	
Arsenic	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:26	7440-38-2	
Barium	ND	mg/L	0.20	1	05/20/16 05:00	05/25/16 00:26	7440-39-3	
Beryllium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:26	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:26	7440-43-9	
Chromium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:26	7440-47-3	
Cobalt	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:26	7440-48-4	
Copper	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:26	7440-50-8	
Lead	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:26	7439-92-1	
Nickel	ND	mg/L	0.040	1	05/20/16 05:00	05/25/16 00:26	7440-02-0	
Selenium	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:26	7782-49-2	
Silver	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:26	7440-22-4	
Thallium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:26	7440-28-0	
Vanadium	ND	mg/L	0.050	1	05/20/16 05:00	05/25/16 00:26	7440-62-2	
Zinc	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:26	7440-66-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	**0.017**	mg/L	0.010	1		05/20/16 13:33	67-64-1	
Benzene	ND	mg/L	0.0050	1		05/20/16 13:33	71-43-2	
Bromodichloromethane	ND	mg/L	0.0050	1		05/20/16 13:33	75-27-4	

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ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-1-1 **Lab ID: 2036880008** Collected: 05/18/16 10:57 Received: 05/19/16 10:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Bromoform	ND	mg/L	0.0050	1		05/20/16 13:33	75-25-2	
Bromomethane	ND	mg/L	0.0050	1		05/20/16 13:33	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.010	1		05/20/16 13:33	78-93-3	
Carbon disulfide	ND	mg/L	0.0050	1		05/20/16 13:33	75-15-0	
Carbon tetrachloride	ND	mg/L	0.0050	1		05/20/16 13:33	56-23-5	
Chlorobenzene	ND	mg/L	0.0050	1		05/20/16 13:33	108-90-7	
Chloroethane	ND	mg/L	0.0050	1		05/20/16 13:33	75-00-3	
Chloroform	ND	mg/L	0.0050	1		05/20/16 13:33	67-66-3	
Chloromethane	ND	mg/L	0.0050	1		05/20/16 13:33	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.0050	1		05/20/16 13:33	96-12-8	
Dibromochloromethane	ND	mg/L	0.0050	1		05/20/16 13:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0050	1		05/20/16 13:33	106-93-4	
1,2-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 13:33	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 13:33	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 13:33	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0050	1		05/20/16 13:33	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 13:33	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 13:33	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 13:33	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 13:33	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 13:33	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0050	1		05/20/16 13:33	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 13:33	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 13:33	10061-02-6	
Ethylbenzene	ND	mg/L	0.0050	1		05/20/16 13:33	100-41-4	
2-Hexanone	ND	mg/L	0.010	1		05/20/16 13:33	591-78-6	
Isopropylbenzene (Cumene)	ND	mg/L	0.0050	1		05/20/16 13:33	98-82-8	
Methyl acetate	ND	mg/L	0.010	1		05/20/16 13:33	79-20-9	
Methylene Chloride	ND	mg/L	0.0050	1		05/20/16 13:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.010	1		05/20/16 13:33	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.0050	1		05/20/16 13:33	1634-04-4	
Styrene	ND	mg/L	0.0050	1		05/20/16 13:33	100-42-5	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0050	1		05/20/16 13:33	79-34-5	
Tetrachloroethene	ND	mg/L	0.0050	1		05/20/16 13:33	127-18-4	
Toluene	ND	mg/L	0.0050	1		05/20/16 13:33	108-88-3	
1,1,1-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 13:33	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 13:33	79-00-5	
Trichloroethene	ND	mg/L	0.0050	1		05/20/16 13:33	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0050	1		05/20/16 13:33	75-69-4	
Vinyl chloride	ND	mg/L	0.0020	1		05/20/16 13:33	75-01-4	
m&p-Xylene	ND	mg/L	0.010	1		05/20/16 13:33	179601-23-1	
o-Xylene	ND	mg/L	0.0050	1		05/20/16 13:33	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%.	70-123	1		05/20/16 13:33	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	62-134	1		05/20/16 13:33	460-00-4	
Dibromofluoromethane (S)	104	%.	64-130	1		05/20/16 13:33	1868-53-7	

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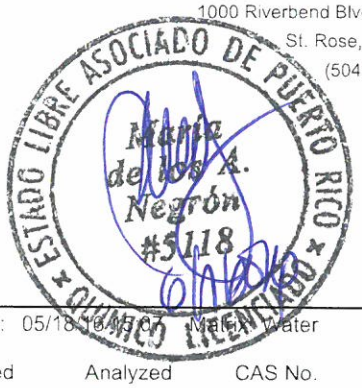

ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-1-2 **Lab ID: 2036880009** Collected: 05/18/16 10:59 Received: 05/18/16 [illegible] Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	mg/L	0.060	1	05/20/16 05:00	05/25/16 00:30	7440-36-0	
Arsenic	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:30	7440-38-2	
Barium	ND	mg/L	0.20	1	05/20/16 05:00	05/25/16 00:30	7440-39-3	
Beryllium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:30	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:30	7440-43-9	
Chromium	**0.014**	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:30	7440-47-3	
Cobalt	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:30	7440-48-4	
Copper	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:30	7440-50-8	
Lead	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:30	7439-92-1	
Nickel	ND	mg/L	0.040	1	05/20/16 05:00	05/25/16 00:30	7440-02-0	
Selenium	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:30	7782-49-2	
Silver	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:30	7440-22-4	
Thallium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:30	7440-28-0	
Vanadium	ND	mg/L	0.050	1	05/20/16 05:00	05/25/16 00:30	7440-62-2	
Zinc	**0.025**	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:30	7440-66-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	**0.018**	mg/L	0.010	1		05/20/16 13:51	67-64-1	
Benzene	ND	mg/L	0.0050	1		05/20/16 13:51	71-43-2	
Bromodichloromethane	ND	mg/L	0.0050	1		05/20/16 13:51	75-27-4	
Bromoform	ND	mg/L	0.0050	1		05/20/16 13:51	75-25-2	
Bromomethane	ND	mg/L	0.0050	1		05/20/16 13:51	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.010	1		05/20/16 13:51	78-93-3	
Carbon disulfide	ND	mg/L	0.0050	1		05/20/16 13:51	75-15-0	
Carbon tetrachloride	ND	mg/L	0.0050	1		05/20/16 13:51	56-23-5	
Chlorobenzene	ND	mg/L	0.0050	1		05/20/16 13:51	108-90-7	
Chloroethane	ND	mg/L	0.0050	1		05/20/16 13:51	75-00-3	
Chloroform	ND	mg/L	0.0050	1		05/20/16 13:51	67-66-3	
Chloromethane	ND	mg/L	0.0050	1		05/20/16 13:51	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.0050	1		05/20/16 13:51	96-12-8	
Dibromochloromethane	ND	mg/L	0.0050	1		05/20/16 13:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0050	1		05/20/16 13:51	106-93-4	
1,2-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 13:51	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 13:51	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 13:51	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0050	1		05/20/16 13:51	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 13:51	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 13:51	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 13:51	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 13:51	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 13:51	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0050	1		05/20/16 13:51	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 13:51	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 13:51	10061-02-6	
Ethylbenzene	ND	mg/L	0.0050	1		05/20/16 13:51	100-41-4	
2-Hexanone	ND	mg/L	0.010	1		05/20/16 13:51	591-78-6	
Isopropylbenzene (Cumene)	ND	mg/L	0.0050	1		05/20/16 13:51	98-82-8	

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ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-1-2 **Lab ID: 2036880009** Collected: 05/18/16 10:59 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methyl acetate	ND	mg/L	0.010	1		05/20/16 13:51	79-20-9	
Methylene Chloride	ND	mg/L	0.0050	1		05/20/16 13:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.010	1		05/20/16 13:51	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.0050	1		05/20/16 13:51	1634-04-4	
Styrene	ND	mg/L	0.0050	1		05/20/16 13:51	100-42-5	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0050	1		05/20/16 13:51	79-34-5	
Tetrachloroethene	ND	mg/L	0.0050	1		05/20/16 13:51	127-18-4	
Toluene	ND	mg/L	0.0050	1		05/20/16 13:51	108-88-3	
1,1,1-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 13:51	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 13:51	79-00-5	
Trichloroethene	ND	mg/L	0.0050	1		05/20/16 13:51	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0050	1		05/20/16 13:51	75-69-4	
Vinyl chloride	ND	mg/L	0.0020	1		05/20/16 13:51	75-01-4	
m&p-Xylene	ND	mg/L	0.010	1		05/20/16 13:51	179601-23-1	
o-Xylene	ND	mg/L	0.0050	1		05/20/16 13:51	95-47-6	
Surrogates								
Toluene-d8 (S)	100	%.	70-123	1		05/20/16 13:51	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	62-134	1		05/20/16 13:51	460-00-4	
Dibromofluoromethane (S)	107	%.	64-130	1		05/20/16 13:51	1868-53-7	

Sample: MW-5-1 **Lab ID: 2036880010** Collected: 05/18/16 11:50 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	mg/L	0.060	1	05/20/16 05:00	05/25/16 00:34	7440-36-0	
Arsenic	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:34	7440-38-2	
Barium	ND	mg/L	0.20	1	05/20/16 05:00	05/25/16 00:34	7440-39-3	
Beryllium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:34	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:34	7440-43-9	
Chromium	**0.031**	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:34	7440-47-3	
Cobalt	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:34	7440-48-4	
Copper	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:34	7440-50-8	
Lead	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:34	7439-92-1	
Nickel	ND	mg/L	0.040	1	05/20/16 05:00	05/25/16 00:34	7440-02-0	
Selenium	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:34	7782-49-2	
Silver	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:34	7440-22-4	
Thallium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:34	7440-28-0	
Vanadium	ND	mg/L	0.050	1	05/20/16 05:00	05/25/16 00:34	7440-62-2	
Zinc	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:34	7440-66-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	**0.012**	mg/L	0.010	1		05/20/16 14:08	67-64-1	
Benzene	ND	mg/L	0.0050	1		05/20/16 14:08	71-43-2	
Bromodichloromethane	ND	mg/L	0.0050	1		05/20/16 14:08	75-27-4	

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ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-5-1 **Lab ID: 2036880010** Collected: 05/18/16 11:50 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Bromoform	ND	mg/L	0.0050	1		05/20/16 14:08	75-25-2	
Bromomethane	ND	mg/L	0.0050	1		05/20/16 14:08	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.010	1		05/20/16 14:08	78-93-3	
Carbon disulfide	ND	mg/L	0.0050	1		05/20/16 14:08	75-15-0	
Carbon tetrachloride	ND	mg/L	0.0050	1		05/20/16 14:08	56-23-5	
Chlorobenzene	ND	mg/L	0.0050	1		05/20/16 14:08	108-90-7	
Chloroethane	ND	mg/L	0.0050	1		05/20/16 14:08	75-00-3	
Chloroform	ND	mg/L	0.0050	1		05/20/16 14:08	67-66-3	
Chloromethane	ND	mg/L	0.0050	1		05/20/16 14:08	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.0050	1		05/20/16 14:08	96-12-8	
Dibromochloromethane	ND	mg/L	0.0050	1		05/20/16 14:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0050	1		05/20/16 14:08	106-93-4	
1,2-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 14:08	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 14:08	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 14:08	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0050	1		05/20/16 14:08	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 14:08	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 14:08	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 14:08	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 14:08	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 14:08	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0050	1		05/20/16 14:08	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 14:08	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 14:08	10061-02-6	
Ethylbenzene	ND	mg/L	0.0050	1		05/20/16 14:08	100-41-4	
2-Hexanone	ND	mg/L	0.010	1		05/20/16 14:08	591-78-6	
Isopropylbenzene (Cumene)	ND	mg/L	0.0050	1		05/20/16 14:08	98-82-8	
Methyl acetate	ND	mg/L	0.010	1		05/20/16 14:08	79-20-9	
Methylene Chloride	ND	mg/L	0.0050	1		05/20/16 14:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.010	1		05/20/16 14:08	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.0050	1		05/20/16 14:08	1634-04-4	
Styrene	ND	mg/L	0.0050	1		05/20/16 14:08	100-42-5	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0050	1		05/20/16 14:08	79-34-5	
Tetrachloroethene	ND	mg/L	0.0050	1		05/20/16 14:08	127-18-4	
Toluene	ND	mg/L	0.0050	1		05/20/16 14:08	108-88-3	
1,1,1-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 14:08	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 14:08	79-00-5	
Trichloroethene	ND	mg/L	0.0050	1		05/20/16 14:08	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0050	1		05/20/16 14:08	75-69-4	
Vinyl chloride	ND	mg/L	0.0020	1		05/20/16 14:08	75-01-4	
m&p-Xylene	ND	mg/L	0.010	1		05/20/16 14:08	179601-23-1	
o-Xylene	ND	mg/L	0.0050	1		05/20/16 14:08	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%.	70-123	1		05/20/16 14:08	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	62-134	1		05/20/16 14:08	460-00-4	
Dibromofluoromethane (S)	104	%.	64-130	1		05/20/16 14:08	1868-53-7	

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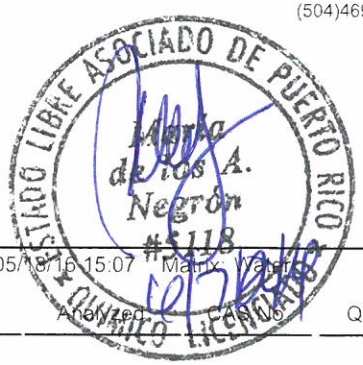

ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-5-2 **Lab ID: 2036880011** Collected: 05/18/16 11:52 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 Metals, Total	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	mg/L	0.060	1	05/20/16 05:00	05/25/16 00:38	7440-36-0	
Arsenic	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:38	7440-38-2	
Barium	ND	mg/L	0.20	1	05/20/16 05:00	05/25/16 00:38	7440-39-3	
Beryllium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:38	7440-41-7	
Cadmium	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:38	7440-43-9	
Chromium	**0.025**	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:38	7440-47-3	
Cobalt	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:38	7440-48-4	
Copper	**0.011**	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:38	7440-50-8	
Lead	ND	mg/L	0.0050	1	05/20/16 05:00	05/25/16 00:38	7439-92-1	
Nickel	ND	mg/L	0.040	1	05/20/16 05:00	05/25/16 00:38	7440-02-0	
Selenium	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:38	7782-49-2	
Silver	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:38	7440-22-4	
Thallium	ND	mg/L	0.010	1	05/20/16 05:00	05/25/16 00:38	7440-28-0	
Vanadium	ND	mg/L	0.050	1	05/20/16 05:00	05/25/16 00:38	7440-62-2	
Zinc	ND	mg/L	0.020	1	05/20/16 05:00	05/25/16 00:38	7440-66-6	
8260 MSV	Analytical Method: EPA 8260							
Acetone	**0.012**	mg/L	0.010	1		05/20/16 14:26	67-64-1	
Benzene	ND	mg/L	0.0050	1		05/20/16 14:26	71-43-2	
Bromodichloromethane	ND	mg/L	0.0050	1		05/20/16 14:26	75-27-4	
Bromoform	ND	mg/L	0.0050	1		05/20/16 14:26	75-25-2	
Bromomethane	ND	mg/L	0.0050	1		05/20/16 14:26	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.010	1		05/20/16 14:26	78-93-3	
Carbon disulfide	ND	mg/L	0.0050	1		05/20/16 14:26	75-15-0	
Carbon tetrachloride	ND	mg/L	0.0050	1		05/20/16 14:26	56-23-5	
Chlorobenzene	ND	mg/L	0.0050	1		05/20/16 14:26	108-90-7	
Chloroethane	ND	mg/L	0.0050	1		05/20/16 14:26	75-00-3	
Chloroform	ND	mg/L	0.0050	1		05/20/16 14:26	67-66-3	
Chloromethane	ND	mg/L	0.0050	1		05/20/16 14:26	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.0050	1		05/20/16 14:26	96-12-8	
Dibromochloromethane	ND	mg/L	0.0050	1		05/20/16 14:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0050	1		05/20/16 14:26	106-93-4	
1,2-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 14:26	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 14:26	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 14:26	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0050	1		05/20/16 14:26	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 14:26	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 14:26	107-06-2	
1,1-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 14:26	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 14:26	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 14:26	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0050	1		05/20/16 14:26	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 14:26	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 14:26	10061-02-6	
Ethylbenzene	ND	mg/L	0.0050	1		05/20/16 14:26	100-41-4	
2-Hexanone	ND	mg/L	0.010	1		05/20/16 14:26	591-78-6	
Isopropylbenzene (Cumene)	ND	mg/L	0.0050	1		05/20/16 14:26	98-82-8	

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ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: MW-5-2 **Lab ID: 2036880011** Collected: 05/18/16 11:52 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methyl acetate	ND	mg/L	0.010	1		05/20/16 14:26	79-20-9	
Methylene Chloride	ND	mg/L	0.0050	1		05/20/16 14:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.010	1		05/20/16 14:26	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.0050	1		05/20/16 14:26	1634-04-4	
Styrene	ND	mg/L	0.0050	1		05/20/16 14:26	100-42-5	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0050	1		05/20/16 14:26	79-34-5	
Tetrachloroethene	ND	mg/L	0.0050	1		05/20/16 14:26	127-18-4	
Toluene	ND	mg/L	0.0050	1		05/20/16 14:26	108-88-3	
1,1,1-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 14:26	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 14:26	79-00-5	
Trichloroethene	ND	mg/L	0.0050	1		05/20/16 14:26	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0050	1		05/20/16 14:26	75-69-4	
Vinyl chloride	ND	mg/L	0.0020	1		05/20/16 14:26	75-01-4	
m&p-Xylene	ND	mg/L	0.010	1		05/20/16 14:26	179601-23-1	
o-Xylene	ND	mg/L	0.0050	1		05/20/16 14:26	95-47-6	
Surrogates								
Toluene-d8 (S)	100	%.	70-123	1		05/20/16 14:26	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	62-134	1		05/20/16 14:26	460-00-4	
Dibromofluoromethane (S)	103	%.	64-130	1		05/20/16 14:26	1868-53-7	

Sample: FB-051816 **Lab ID: 2036880012** Collected: 05/18/16 12:05 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	**0.035**	mg/L	0.010	1		05/20/16 14:43	67-64-1	
Benzene	ND	mg/L	0.0050	1		05/20/16 14:43	71-43-2	
Bromodichloromethane	ND	mg/L	0.0050	1		05/20/16 14:43	75-27-4	
Bromoform	ND	mg/L	0.0050	1		05/20/16 14:43	75-25-2	
Bromomethane	ND	mg/L	0.0050	1		05/20/16 14:43	74-83-9	
2-Butanone (MEK)	ND	mg/L	0.010	1		05/20/16 14:43	78-93-3	
Carbon disulfide	ND	mg/L	0.0050	1		05/20/16 14:43	75-15-0	
Carbon tetrachloride	ND	mg/L	0.0050	1		05/20/16 14:43	56-23-5	
Chlorobenzene	ND	mg/L	0.0050	1		05/20/16 14:43	108-90-7	
Chloroethane	ND	mg/L	0.0050	1		05/20/16 14:43	75-00-3	
Chloroform	ND	mg/L	0.0050	1		05/20/16 14:43	67-66-3	
Chloromethane	ND	mg/L	0.0050	1		05/20/16 14:43	74-87-3	
1,2-Dibromo-3-chloropropane	ND	mg/L	0.0050	1		05/20/16 14:43	96-12-8	
Dibromochloromethane	ND	mg/L	0.0050	1		05/20/16 14:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0050	1		05/20/16 14:43	106-93-4	
1,2-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 14:43	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 14:43	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0050	1		05/20/16 14:43	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0050	1		05/20/16 14:43	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 14:43	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0050	1		05/20/16 14:43	107-06-2	

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ANALYTICAL RESULTS

Project: SRS ARECIBO
Pace Project No.: 2036880

Sample: FB-051816 **Lab ID: 2036880012** Collected: 05/18/16 12:05 Received: 05/18/16 15:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,1-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 14:43	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 14:43	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0050	1		05/20/16 14:43	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0050	1		05/20/16 14:43	78-87-5	
cis-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 14:43	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/L	0.0050	1		05/20/16 14:43	10061-02-6	
Ethylbenzene	ND	mg/L	0.0050	1		05/20/16 14:43	100-41-4	
2-Hexanone	ND	mg/L	0.010	1		05/20/16 14:43	591-78-6	
Isopropylbenzene (Cumene)	ND	mg/L	0.0050	1		05/20/16 14:43	98-82-8	
Methyl acetate	ND	mg/L	0.010	1		05/20/16 14:43	79-20-9	
Methylene Chloride	ND	mg/L	0.0050	1		05/20/16 14:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/L	0.010	1		05/20/16 14:43	108-10-1	
Methyl-tert-butyl ether	ND	mg/L	0.0050	1		05/20/16 14:43	1634-04-4	
Styrene	ND	mg/L	0.0050	1		05/20/16 14:43	100-42-5	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0050	1		05/20/16 14:43	79-34-5	
Tetrachloroethene	ND	mg/L	0.0050	1		05/20/16 14:43	127-18-4	
Toluene	ND	mg/L	0.0050	1		05/20/16 14:43	108-88-3	
1,1,1-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 14:43	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0050	1		05/20/16 14:43	79-00-5	
Trichloroethene	ND	mg/L	0.0050	1		05/20/16 14:43	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0050	1		05/20/16 14:43	75-69-4	
Vinyl chloride	ND	mg/L	0.0020	1		05/20/16 14:43	75-01-4	
m&p-Xylene	ND	mg/L	0.010	1		05/20/16 14:43	179601-23-1	
o-Xylene	ND	mg/L	0.0050	1		05/20/16 14:43	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%.	70-123	1		05/20/16 14:43	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	62-134	1		05/20/16 14:43	460-00-4	
Dibromofluoromethane (S)	105	%.	64-130	1		05/20/16 14:43	1868-53-7	

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QUALITY CONTROL DATA

Project: SRS ARECIBO
Pace Project No.: 2036880

QC Batch: MPRP/4245 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 2036880002, 2036880003, 2036880004, 2036880005, 2036880006, 2036880007, 2036880008, 2036880009, 2036880010, 2036880011

METHOD BLANK: 227364 Matrix: Water
Associated Lab Samples: 2036880002, 2036880003, 2036880004, 2036880005, 2036880006, 2036880007, 2036880008, 2036880009, 2036880010, 2036880011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	mg/L	ND	0.060	05/24/16 23:02	
Arsenic	mg/L	ND	0.010	05/24/16 23:02	
Barium	mg/L	ND	0.20	05/24/16 23:02	
Beryllium	mg/L	ND	0.0050	05/24/16 23:02	
Cadmium	mg/L	ND	0.0050	05/24/16 23:02	
Chromium	mg/L	ND	0.010	05/24/16 23:02	
Cobalt	mg/L	ND	0.010	05/24/16 23:02	
Copper	mg/L	ND	0.010	05/24/16 23:02	
Lead	mg/L	ND	0.0050	05/24/16 23:02	
Nickel	mg/L	ND	0.040	05/24/16 23:02	
Selenium	mg/L	ND	0.020	05/24/16 23:02	
Silver	mg/L	ND	0.010	05/24/16 23:02	
Thallium	mg/L	ND	0.010	05/24/16 23:02	
Vanadium	mg/L	ND	0.050	05/24/16 23:02	
Zinc	mg/L	ND	0.020	05/24/16 23:02	

LABORATORY CONTROL SAMPLE: 227365

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	1	1.0	102	82-120	
Arsenic	mg/L	1	0.99	99	84-117	
Barium	mg/L	1	1.0	104	85-118	
Beryllium	mg/L	1	1.0	104	85-117	
Cadmium	mg/L	1	1.0	103	85-115	
Chromium	mg/L	1	1.0	105	83-117	
Cobalt	mg/L	1	1.0	102	85-117	
Copper	mg/L	1	1.0	103	85-116	
Lead	mg/L	1	1.0	104	84-118	
Nickel	mg/L	1	1.0	104	85-118	
Selenium	mg/L	1	1.0	105	85-116	
Silver	mg/L	.5	0.48	96	80-120	
Thallium	mg/L	1	1.0	100	85-118	
Vanadium	mg/L	1	1.1	106	85-116	
Zinc	mg/L	1	1.0	102	81-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: SRS ARECIBO
Pace Project No.: 2036880

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227366 227367

Parameter	Units	2036847010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	1	1	1.0	1.0	101	103	80-120	2	20	
Arsenic	mg/L	ND	1	1	0.98	0.99	98	99	80-120	2	20	
Barium	mg/L	ND	1	1	1.0	1.1	103	106	80-120	2	20	
Beryllium	mg/L	ND	1	1	1.0	1.0	102	104	80-120	2	20	
Cadmium	mg/L	ND	1	1	1.0	1.0	101	103	80-120	2	20	
Chromium	mg/L	ND	1	1	1.0	1.1	103	106	80-120	2	20	
Cobalt	mg/L	ND	1	1	1.0	1.0	101	102	80-120	2	20	
Copper	mg/L	ND	1	1	1.0	1.0	102	104	80-120	2	20	
Lead	mg/L	ND	1	1	1.0	1.0	103	105	80-120	2	20	
Nickel	mg/L	ND	1	1	1.0	1.0	103	105	80-120	2	20	
Selenium	mg/L	ND	1	1	1.0	1.0	103	105	80-120	2	20	
Silver	mg/L	ND	.5	.5	0.47	0.48	94	97	80-120	3	20	
Thallium	mg/L	ND	1	1	0.99	1.0	99	100	80-120	2	20	
Vanadium	mg/L	ND	1	1	1.1	1.1	105	108	80-120	3	20	
Zinc	mg/L	ND	1	1	1.0	1.0	100	101	80-120	2	20	

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REPORT OF LABORATORY ANALYSIS

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(504)469-0333

QUALITY CONTROL DATA

Project: SRS ARECIBO
Pace Project No.: 2036880

QC Batch: MSV/4959 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 2036880001, 2036880002, 2036880003, 2036880004, 2036880005, 2036880006, 2036880007, 2036880008, 2036880009, 2036880010, 2036880011, 2036880012

METHOD BLANK: 227394 Matrix: Water
Associated Lab Samples: 2036880001, 2036880002, 2036880003, 2036880004, 2036880005, 2036880006, 2036880007, 2036880008, 2036880009, 2036880010, 2036880011, 2036880012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	mg/L	ND	0.0050	05/20/16 09:45	
1,1,2,2-Tetrachloroethane	mg/L	ND	0.0050	05/20/16 09:45	
1,1,2-Trichloroethane	mg/L	ND	0.0050	05/20/16 09:45	
1,1-Dichloroethane	mg/L	ND	0.0050	05/20/16 09:45	
1,1-Dichloroethene	mg/L	ND	0.0050	05/20/16 09:45	
1,2-Dibromo-3-chloropropane	mg/L	ND	0.0050	05/20/16 09:45	
1,2-Dibromoethane (EDB)	mg/L	ND	0.0050	05/20/16 09:45	
1,2-Dichlorobenzene	mg/L	ND	0.0050	05/20/16 09:45	
1,2-Dichloroethane	mg/L	ND	0.0050	05/20/16 09:45	
1,2-Dichloropropane	mg/L	ND	0.0050	05/20/16 09:45	
1,3-Dichlorobenzene	mg/L	ND	0.0050	05/20/16 09:45	
1,4-Dichlorobenzene	mg/L	ND	0.0050	05/20/16 09:45	
2-Butanone (MEK)	mg/L	ND	0.010	05/20/16 09:45	
2-Hexanone	mg/L	ND	0.010	05/20/16 09:45	
4-Methyl-2-pentanone (MIBK)	mg/L	ND	0.010	05/20/16 09:45	
Acetone	mg/L	ND	0.010	05/20/16 09:45	
Benzene	mg/L	ND	0.0050	05/20/16 09:45	
Bromodichloromethane	mg/L	ND	0.0050	05/20/16 09:45	
Bromoform	mg/L	ND	0.0050	05/20/16 09:45	
Bromomethane	mg/L	ND	0.0050	05/20/16 09:45	
Carbon disulfide	mg/L	ND	0.0050	05/20/16 09:45	
Carbon tetrachloride	mg/L	ND	0.0050	05/20/16 09:45	
Chlorobenzene	mg/L	ND	0.0050	05/20/16 09:45	
Chloroethane	mg/L	ND	0.0050	05/20/16 09:45	
Chloroform	mg/L	ND	0.0050	05/20/16 09:45	
Chloromethane	mg/L	ND	0.0050	05/20/16 09:45	
cis-1,2-Dichloroethene	mg/L	ND	0.0050	05/20/16 09:45	
cis-1,3-Dichloropropene	mg/L	ND	0.0050	05/20/16 09:45	
Dibromochloromethane	mg/L	ND	0.0050	05/20/16 09:45	
Dichlorodifluoromethane	mg/L	ND	0.0050	05/20/16 09:45	
Ethylbenzene	mg/L	ND	0.0050	05/20/16 09:45	
Isopropylbenzene (Cumene)	mg/L	ND	0.0050	05/20/16 09:45	
m&p-Xylene	mg/L	ND	0.010	05/20/16 09:45	
Methyl acetate	mg/L	ND	0.010	05/20/16 09:45	
Methyl-tert-butyl ether	mg/L	ND	0.0050	05/20/16 09:45	
Methylene Chloride	mg/L	ND	0.0050	05/20/16 09:45	
o-Xylene	mg/L	ND	0.0050	05/20/16 09:45	
Styrene	mg/L	ND	0.0050	05/20/16 09:45	
Tetrachloroethene	mg/L	ND	0.0050	05/20/16 09:45	
Toluene	mg/L	ND	0.0050	05/20/16 09:45	

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REPORT OF LABORATORY ANALYSIS

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(504)469-0333

QUALITY CONTROL DATA

Project: SRS ARECIBO
Pace Project No.: 2036880

METHOD BLANK: 227394 Matrix: Water

Associated Lab Samples: 2036880001, 2036880002, 2036880003, 2036880004, 2036880005, 2036880006, 2036880007, 2036880008, 2036880009, 2036880010, 2036880011, 2036880012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	mg/L	ND	0.0050	05/20/16 09:45	
trans-1,3-Dichloropropene	mg/L	ND	0.0050	05/20/16 09:45	
Trichloroethene	mg/L	ND	0.0050	05/20/16 09:45	
Trichlorofluoromethane	mg/L	ND	0.0050	05/20/16 09:45	
Vinyl chloride	mg/L	ND	0.0020	05/20/16 09:45	
4-Bromofluorobenzene (S)	%.	101	62-134	05/20/16 09:45	
Dibromofluoromethane (S)	%.	104	64-130	05/20/16 09:45	
Toluene-d8 (S)	%.	99	70-123	05/20/16 09:45	

LABORATORY CONTROL SAMPLE: 227395

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/L	.05	0.051	102	65-132	
1,1,2,2-Tetrachloroethane	mg/L	.05	0.054	107	46-153	
1,1,2-Trichloroethane	mg/L	.05	0.050	100	64-140	
1,1-Dichloroethane	mg/L	.05	0.046	93	63-135	
1,1-Dichloroethene	mg/L	.05	0.042	84	50-151	
1,2-Dibromo-3-chloropropane	mg/L	.05	0.059	119	40-155	
1,2-Dibromoethane (EDB)	mg/L	.05	0.050	101	62-146	
1,2-Dichlorobenzene	mg/L	.05	0.053	106	70-129	
1,2-Dichloroethane	mg/L	.05	0.052	105	58-150	
1,2-Dichloropropane	mg/L	.05	0.049	98	66-131	
1,3-Dichlorobenzene	mg/L	.05	0.052	105	69-127	
1,4-Dichlorobenzene	mg/L	.05	0.053	107	71-128	
2-Butanone (MEK)	mg/L	.05	0.062	125	18-173	
2-Hexanone	mg/L	.05	0.054	109	29-158	
4-Methyl-2-pentanone (MIBK)	mg/L	.05	0.049	97	46-159	
Acetone	mg/L	.05	0.077	154	10-198	
Benzene	mg/L	.05	0.055	110	68-129	
Bromodichloromethane	mg/L	.05	0.050	101	68-132	
Bromoform	mg/L	.05	0.049	98	56-153	
Bromomethane	mg/L	.05	0.044	88	47-149	
Carbon disulfide	mg/L	.05	0.044	88	25-166	
Carbon tetrachloride	mg/L	.05	0.050	100	56-146	
Chlorobenzene	mg/L	.05	0.050	100	74-131	
Chloroethane	mg/L	.05	0.042	84	28-190	
Chloroform	mg/L	.05	0.047	94	71-132	
Chloromethane	mg/L	.05	0.041	82	27-154	
cis-1,2-Dichloroethene	mg/L	.05	0.049	97	65-132	
cis-1,3-Dichloropropene	mg/L	.05	0.055	109	66-135	
Dibromochloromethane	mg/L	.05	0.048	97	64-138	
Dichlorodifluoromethane	mg/L	.05	0.042	85	18-173	
Ethylbenzene	mg/L	.05	0.052	103	73-129	

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QUALITY CONTROL DATA

Project: SRS ARECIBO
Pace Project No.: 2036880

LABORATORY CONTROL SAMPLE: 227395

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isopropylbenzene (Cumene)	mg/L	.05	0.053	105	61-139	
m&p-Xylene	mg/L	.1	0.10	102	71-132	
Methyl acetate	mg/L	.05	0.052	105	20-142	
Methyl-tert-butyl ether	mg/L	.05	0.051	101	51-155	
Methylene Chloride	mg/L	.05	0.033	67	41-171	
o-Xylene	mg/L	.05	0.051	103	69-129	
Styrene	mg/L	.05	0.052	105	74-132	
Tetrachloroethene	mg/L	.05	0.049	99	57-151	
Toluene	mg/L	.05	0.051	102	70-130	
trans-1,2-Dichloroethene	mg/L	.05	0.046	92	56-137	
trans-1,3-Dichloropropene	mg/L	.05	0.056	113	62-146	
Trichloroethene	mg/L	.05	0.050	101	71-131	
Trichlorofluoromethane	mg/L	.05	0.054	108	37-188	
Vinyl chloride	mg/L	.05	0.039	77	42-148	
4-Bromofluorobenzene (S)	%.			103	62-134	
Dibromofluoromethane (S)	%.			98	64-130	
Toluene-d8 (S)	%.			98	70-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227396 227397

Parameter	Units	2036880002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	mg/L	ND	.05	.05	0.054	0.054	108	107	61-138	0	20	
1,1,2,2-Tetrachloroethane	mg/L	ND	.05	.05	0.049	0.050	99	99	41-160	1	20	
1,1,2-Trichloroethane	mg/L	ND	.05	.05	0.048	0.049	96	97	63-145	1	20	
1,1-Dichloroethane	mg/L	ND	.05	.05	0.048	0.048	96	96	61-141	0	20	
1,1-Dichloroethene	mg/L	ND	.05	.05	0.042	0.044	85	88	40-163	3	20	
1,2-Dibromo-3-chloropropane	mg/L	ND	.05	.05	0.053	0.053	106	107	38-162	0	20	
1,2-Dibromoethane (EDB)	mg/L	ND	.05	.05	0.048	0.048	96	96	61-149	0	20	
1,2-Dichlorobenzene	mg/L	ND	.05	.05	0.054	0.053	107	106	70-131	1	20	
1,2-Dichloroethane	mg/L	ND	.05	.05	0.050	0.050	100	100	57-155	0	20	
1,2-Dichloropropane	mg/L	ND	.05	.05	0.049	0.050	98	100	64-137	2	20	
1,3-Dichlorobenzene	mg/L	ND	.05	.05	0.053	0.054	107	108	68-130	1	20	
1,4-Dichlorobenzene	mg/L	ND	.05	.05	0.055	0.054	109	108	70-130	1	20	
2-Butanone (MEK)	mg/L	ND	.05	.05	0.042	0.042	85	84	14-184	1	20	
2-Hexanone	mg/L	ND	.05	.05	0.040	0.041	81	82	27-165	1	20	
4-Methyl-2-pentanone (MIBK)	mg/L	ND	.05	.05	0.043	0.044	87	88	43-165	2	20	
Acetone	mg/L	0.021	.05	.05	0.049	0.050	56	57	10-202	1	20	
Benzene	mg/L	ND	.05	.05	0.056	0.058	112	115	60-138	2	20	
Bromodichloromethane	mg/L	ND	.05	.05	0.051	0.051	101	103	66-137	1	20	
Bromoform	mg/L	ND	.05	.05	0.047	0.047	93	94	53-156	1	20	
Bromomethane	mg/L	ND	.05	.05	0.046	0.045	92	89	43-151	3	20	
Carbon disulfide	mg/L	ND	.05	.05	0.046	0.047	93	94	17-176	2	20	
Carbon tetrachloride	mg/L	ND	.05	.05	0.053	0.053	105	105	51-151	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SRS ARECIBO
Pace Project No.: 2036880

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 227396 227397

Parameter	Units	2036880002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chlorobenzene	mg/L	ND	.05	.05	0.052	0.052	104	104	71-135	1	20	
Chloroethane	mg/L	ND	.05	.05	0.044	0.045	88	91	21-191	3	20	
Chloroform	mg/L	ND	.05	.05	0.048	0.048	97	96	67-138	1	20	
Chloromethane	mg/L	ND	.05	.05	0.041	0.044	83	89	24-158	7	20	
cis-1,2-Dichloroethene	mg/L	ND	.05	.05	0.050	0.049	99	98	61-138	1	20	
cis-1,3-Dichloropropene	mg/L	ND	.05	.05	0.053	0.053	106	106	62-137	0	20	
Dibromochloromethane	mg/L	ND	.05	.05	0.047	0.048	94	96	62-142	2	20	
Dichlorodifluoromethane	mg/L	ND	.05	.05	0.041	0.042	81	83	16-176	2	20	
Ethylbenzene	mg/L	ND	.05	.05	0.054	0.055	109	110	66-136	1	20	
Isopropylbenzene (Cumene)	mg/L	ND	.05	.05	0.055	0.056	110	113	58-144	2	20	
m&p-Xylene	mg/L	ND	.1	.1	0.11	0.11	108	109	64-138	1	20	
Methyl acetate	mg/L	ND	.05	.05	0.044	0.045	88	89	10-142	2	20	
Methyl-tert-butyl ether	mg/L	ND	.05	.05	0.048	0.048	96	96	48-164	0	20	
Methylene Chloride	mg/L	ND	.05	.05	0.034	0.034	67	68	35-165	1	20	
o-Xylene	mg/L	ND	.05	.05	0.054	0.054	108	108	63-136	0	20	
Styrene	mg/L	ND	.05	.05	0.054	0.055	107	109	63-141	2	20	
Tetrachloroethene	mg/L	ND	.05	.05	0.052	0.052	104	104	48-160	0	20	
Toluene	mg/L	ND	.05	.05	0.054	0.055	109	110	62-137	1	20	
trans-1,2-Dichloroethene	mg/L	ND	.05	.05	0.047	0.047	93	94	52-144	1	20	
trans-1,3-Dichloropropene	mg/L	ND	.05	.05	0.056	0.056	111	112	59-151	1	20	
Trichloroethene	mg/L	ND	.05	.05	0.052	0.052	104	105	62-142	1	20	
Trichlorofluoromethane	mg/L	ND	.05	.05	0.056	0.058	111	116	19-196	4	20	
Vinyl chloride	mg/L	ND	.05	.05	0.041	0.042	81	85	35-153	4	20	
4-Bromofluorobenzene (S)	%.						101	103	62-134			
Dibromofluoromethane (S)	%.						97	96	64-130			
Toluene-d8 (S)	%.						100	101	70-123			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: SRS ARECIBO
Pace Project No.: 2036880

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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TNI - The Nelac Institute

LABORATORIES

PASI-N Pace Analytical Services - New Orleans

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SRS ARECIBO
Pace Project No.: 2036880

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2036880002	MW-4-1	EPA 3010	MPRP/4245	EPA 6010	ICP/3826
2036880003	MW-4-2	EPA 3010	MPRP/4245	EPA 6010	ICP/3826
2036880004	MW-3-1	EPA 3010	MPRP/4245	EPA 6010	ICP/3826
2036880005	MW-3-2	EPA 3010	MPRP/4245	EPA 6010	ICP/3826
2036880006	MW-2-1	EPA 3010	MPRP/4245	EPA 6010	ICP/3826
2036880007	MW-2-2	EPA 3010	MPRP/4245	EPA 6010	ICP/3826
2036880008	MW-1-1	EPA 3010	MPRP/4245	EPA 6010	ICP/3826
2036880009	MW-1-2	EPA 3010	MPRP/4245	EPA 6010	ICP/3826
2036880010	MW-5-1	EPA 3010	MPRP/4245	EPA 6010	ICP/3826
2036880011	MW-5-2	EPA 3010	MPRP/4245	EPA 6010	ICP/3826
2036880001	TB-051816	EPA 8260	MSV/4959		
2036880002	MW-4-1	EPA 8260	MSV/4959		
2036880003	MW-4-2	EPA 8260	MSV/4959		
2036880004	MW-3-1	EPA 8260	MSV/4959		
2036880005	MW-3-2	EPA 8260	MSV/4959		
2036880006	MW-2-1	EPA 8260	MSV/4959		
2036880007	MW-2-2	EPA 8260	MSV/4959		
2036880008	MW-1-1	EPA 8260	MSV/4959		
2036880009	MW-1-2	EPA 8260	MSV/4959		
2036880010	MW-5-1	EPA 8260	MSV/4959		
2036880011	MW-5-2	EPA 8260	MSV/4959		
2036880012	FB-051816	EPA 8260	MSV/4959		

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WO# : 2036880

2036880

-OF-CUSTODY / Analytical Request Document

-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

2030800

Section A Required Client Information:

Field	Value
Company:	GESPR
Address:	1350 Ave Ponce de Leon Piso 2, San Juan, PR
Email To:	
Phone:	787721/418
Fax:	NA
Requested Due Date/TAT:	STD

Section B

Field	Value
Report To:	Efrain Camis / GESPR
Copy To:	Efrain Camis / GESPR
Purchase Order No.:	
Project Name:	SRS Arecibo
Project Number:	7101093

Section C Invoice Information:

Field	Value
Attention:	Efrain Camis
Company Name:	GESPR
Address:	
Pace Quote Reference:	
Pace Project Manager:	Jon Redondo
Pace Profile #:	5580

REGULATORY AGENCY

- NPDES
- GROUND WATER
- DRINKING WATER
- UST
- RCRA
- ✓ OTHER EQB

Site Location: Arecibo
STATE: PR

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes
MATRIX / CODE

Matrix	Code
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N): N, N

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOC 8260	Metals 6010	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	TB-051816	WT	G			051816	—	NA	3				3					X		N	2036880
2	MW-4-1	WT	G			051816	855	NA	4			1	3					X	X	N	
3	MW-4-2	WT	G			051816	857	NA	4			1	3					X	X	N	
4	MW-3-1	WT	G			051816	0924	NA	4			1	3					X	X	N	
5	MW-3-2	WT	G			051816	0926	NA	4			1	3					X	X	N	
6	MW-2-1	WT	G			051816	1009	NA	4			1	3					X	X	N	
7	MW-2-2	WT	G			051816	1011	NA	4			1	3					X	X	N	
8	MW-1-1	WT	G			051816	1057	NA	4			1	3					X	X	N	
9	MW-1-2	WT	G			051816	1059	NA	4			1	3					X	X	N	
10	MW-5-1	WT	G			051816	1150	NA	4			1	3					X	X	N	
11	MW-5-2	WT	G			051816	1152	NA	4			1	3					X	X	N	
12	FB-051816	WT	G			051816	1205	NA	3				3					X		N	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
SRS Arecibo-labreportnumber-	Jose Bonilla / GESPR	051816	15:07	[signature] / Pace	5-18-16	15:07
21861-EQEDD-zip	[signature] / Pace	5-18-16	1740	FedEx		
gesr@gesronline.com	FedEx	5/19/16	850	[signature] / Pace	5/19/16	850

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
0.9 1.2 1.8	Y	Y	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jose Bonilla / GESPR
SIGNATURE of SAMPLER: Jose Bonilla
DATE Signed (MM/DD/YY): 051816

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical

Urb. Jardines de Guaynabo
Calle Mrginal Blq A-10
Guaynabo, PR 00969

Sample Condition Upon Receip

WO# : 2036880

PM: JAR1 Due Date: 06/02/16

CLIENT: 98-GES PR

Project #

Courier: ☐ Pace Courier ☐ Hired Courier ☐ Fed X ☐ UPS ☐ DHL ☐ USPS ☑ Customer ☐ Other

Custody Seal on Cooler/Box Present: [see COC] **Custody Seals intact:** ☐Yes ☐No

Therometer Used: ☑ Therm Fisher IR 4 ☐ Therm Fisher IR 6 ☐ Therm Fisher IR 7

Type of Ice: Wet Blue None

Samples on ice: [see COC]

Cooler Temperature: [see COC] Temp should be above freezing to 6°C

Date and Initials of person examining contents: 5/28/16 JG

Temp must be measured from Temperature blank when present

				Comments:
Temperature Blank Present"?	☐Yes	☑No	☐N/A	1
Chain of Custody Present:	☑Yes	☐No	☐N/A	2
Chain of Custody Complete:	☑Yes	☐No	☐N/A	3
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	4
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	5
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	6
Sufficient Volume:	☑Yes	☐No	☐N/A	7
Correct Containers Used:	☑Yes	☐No	☐N/A	8
Filtered vol. Rec. for Diss. tests	☐Yes	☐No	☑N/A	9
Sample Labels match COC:	☑Yes	☐No	☐N/A	10
All containers received within manafacture's precautionary and/or expiration dates.	☑Yes	☐No	☐N/A	11
All containers needing chemical preservation have been checked (except VOA, coliform, & O&G).	☐Yes	☐No	☑N/A	12
All containers preservation checked found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A	13 If No, was preserative added? ☐Yes ☐No If added record lot no.: HNO3 _____ H2SO4 _____
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	14
Trip Blank Present:	☑Yes	☐No		15

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Pace Analytical

1000 Riverbend Blvd., Suite F
St. Rose, LA 70087

Sample Condition Upon Receipt

Project #: 20 36880

Courier: ☐ Pace Courier ☐ Hired Courier ☒ Fed X ☐ UPS ☐ DHL ☐ USPS ☐ Customer ☐ Other

Custody Seal on Cooler/Box Present: [see COC] **Custody Seals intact:** ☒Yes ☐No

Therometer Used: ☐ Therm Fisher IR 5 ☐ Therm Fisher IR 6 ☒ Therm Fisher IR 7

Type of Ice: (Wet) Blue None

Samples on ice: [see COC]

Cooler Temperature: [see COC]

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 05-19-16 JB

Temp must be measured from Temperature blank when present

				Comments:
Temperature Blank Present"?	☐Yes	☐No	☒N/A	1
Chain of Custody Present:	☒Yes	☐No	☐N/A	2
Chain of Custody Complete:	☒Yes	☐No	☐N/A	3
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	4
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	5
Samples Arrived within Hold Time:	☒Yes	☐No	☐N/A	6
Sufficient Volume:	☒Yes	☐No	☐N/A	7
Correct Containers Used:	☒Yes	☐No	☐N/A	8
Filtered vol. Rec. for Diss. tests	☐Yes	☐No	☒N/A	9
Sample Labels match COC:	☒Yes	☐No	☐N/A	10
All containers received within manafacture's precautionary and/or expiration dates.	☒Yes	☐No	☐N/A	11
All containers needing chemical preservation have been checked (except VOA, coliform, & O&G).	☒Yes	☐No	☐N/A	12
All containers preservation checked found to be in compliance with EPA recommendation.	☒Yes	☐No	☐N/A	13 If No, was preserative added? ☐Yes ☐No If added record lot no.: HNO_3 _____ H_2SO_4 _____
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☒N/A	14
Trip Blank Present:	☐Yes	☒No		15

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____